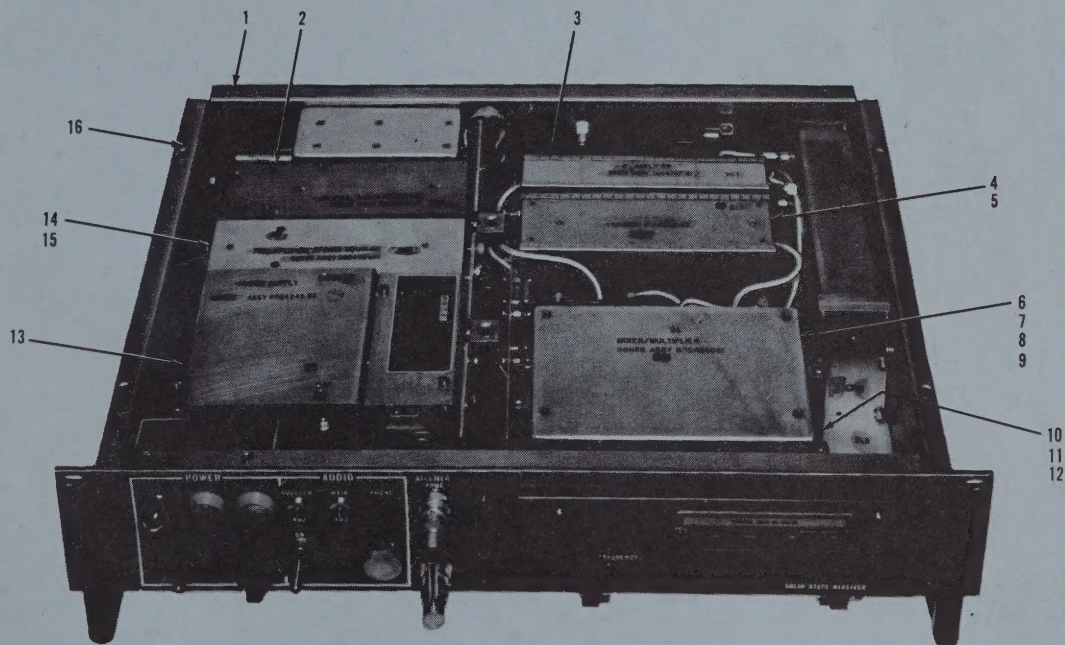


## ILLUSTRATED PARTS BREAKDOWN

# VHF/UHF RECEIVER

VHF Model 3101

UHF Model 3102



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**AEROSPACE/OPTICAL DIVISION** **ITT**  
3700 E. PONTIAC ST., FORT WAYNE, IND. 46803





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# **SECTION I INTRODUCTION**

## **1-1. GENERAL.**

1-2. This Illustrated Parts Breakdown lists, illustrates, and describes assemblies, subassemblies and detail parts of the Receiver, Model No. 3101 (VHF) Model No. 3102 (UHF).

## **1-3. MANUAL ORGANIZATION AND CONTENT.**

1-4. The illustrated parts breakdown consists of the following sections: Introduction (Section I), and Group Assembly Parts List (Section II).

1-5. SECTION I, INTRODUCTION. The Introduction contains information and instructions for the use of the Illustrated Parts Breakdown.

1-6. SECTION II, GROUP ASSEMBLY PARTS LIST. The Group Assembly Parts List is divided into representative main assemblies. These main assemblies are as shown in figure 1.

1-7. Each main assembly is broken down into subassemblies, sub-subassemblies, and details thereof. Each item is arranged to indicate relationship to its next higher assembly (NHA), and is listed in order of disassembly except where the sequence of disassembly does not apply.

1-8. Formerly, the description of parts listed in the Group Assembly Parts List was indented to show relationship to the assemblies on which they are used. In this manual, however, the Group Assembly Parts List was compiled with an Electric Accounting Machine (EAM). Therefore, part descriptions appear in an even column, with a preceding "indent" code letter to indicate relationship. Examples of the EAM system are:

### **EAM Method**

- |   |  |
|---|--|
| A | Complete Item, Main Group or Main Assembly |
| B | Assembly                                   |
| B | Attaching Parts for Assembly               |
| C | Detail Parts of Assembly                   |
| C | Subassemblies                              |
| C | Attaching Parts for Subassemblies          |
| D | Sub-subassemblies                          |
| D | Attaching Parts for Sub-subassemblies      |
| E | Detail Parts of Sub-subassemblies          |

1-9. All parts of the unit are listed except parts that have lost their identity by being permanently joined to another part (e.g., two parts welded together) and items made from bulk stock (e.g. hook-up wire).



1-10. GROUP ASSEMBLY PARTS LIST COLUMN DATA. The Group Assembly Parts List consists of six columns (see page 2-3).

1-11. The figure and index number column contains an identifying number for each part shown in each illustration. This identifying number consists of the applicable figure number separated from the index number by a hyphen. Components and assemblies that have been added are identified by the addition of a suffix letter in the index number.

1-12. Part Numbers in the part number column are either Government standard part numbers or that of ITT Aerospace/Optical Division of International Telephone and Telegraph Corp., 3700 East Pontiac Street, Fort Wayne, Indiana 46803.

1-13. The indent column contains code letters indicating item relationships to the assemblies on which they are used, as described in paragraph 1-7.

1-14. The units per assembly column indicates the number of units required per assembly, per subassembly, and per sub-subassembly as applicable. If more than one assembly is required, the total of such assemblies is shown. For detail or subassembly parts of this major assembly, the quantity required for ONE major assembly is shown. Where items are listed for reference purposes, the symbol "REF" is inserted in the units per assembly column.

1-15. The usable on code column contains coding symbols for assemblies and parts to indicate specific differences among the various equipments covered according to serial, type, or model. In addition, this column is used to differentiate between similar assemblies used on one equipment. This eliminates the necessity for more than one breakdown and illustration of the similar assemblies. In this manual, explanation of the usable on code numbers is given at the beginning of the individual parts list. Where the usable on code column is blank, the part listed is usable as a replacement on all articles covered by this manual.

1-16. USABLE ON CODE. The following codes have been assigned in this manual:

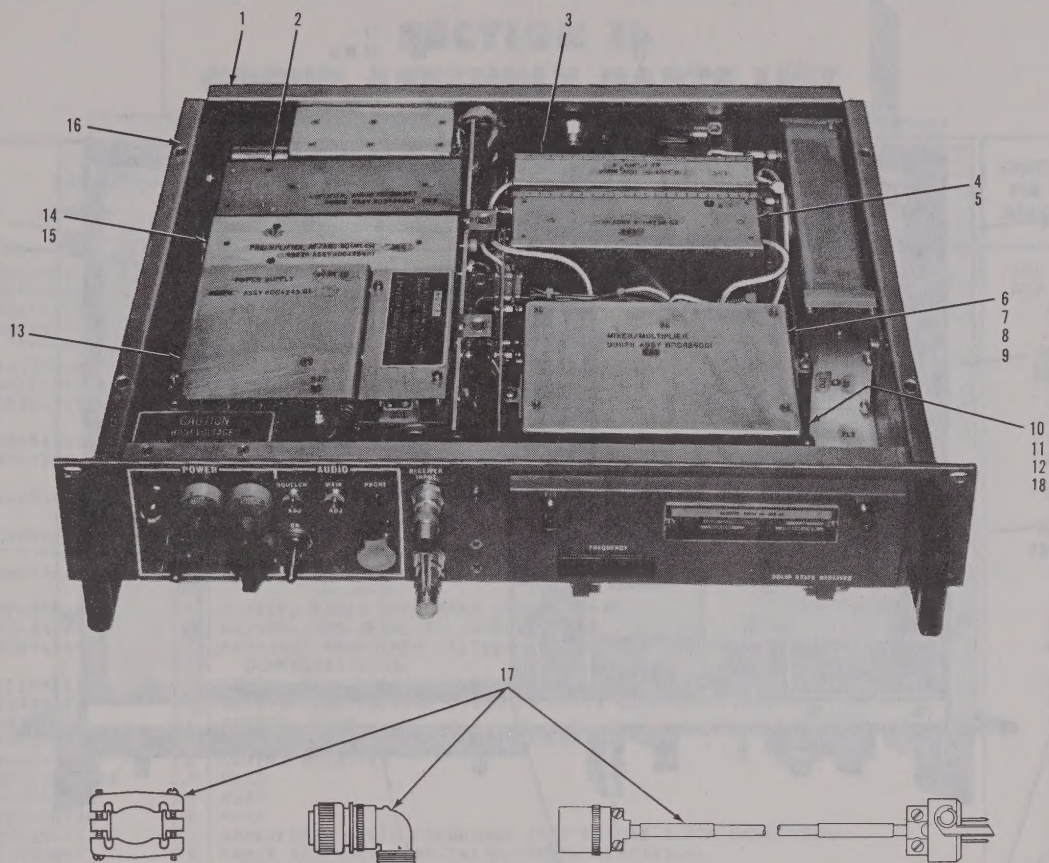
USABLE  
ON CODE

UNIT

A	Receiver, Model 3102 (UHF)
B	Receiver, Model 3101 (VHF)

Where no Usable On Code appears the assemblies or parts are applicable in both units.





INDEX NO.	DESCRIPTION	FIGURE NO.
1	Receiver, Radio, Model 3101 (VHF) and Model 3102 (UHF) . . . . .	2
2	Amplifier, Audio Frequency . . . . .	3
3	Amplifier, Intermediate Frequency . . . . .	4
4	Amplifier, Buffer . . . . .	6
5	Limiter, Electrical Noise . . . . .	5
6	Mixer-Multiplier, UHF . . . . .	7
7	Mixer-Multiplier, UHF . . . . .	8
8	Mixer-Multiplier, VHF . . . . .	9
9	Mixer-Multiplier, VHF . . . . .	10
10	Oscillator, Crystal Controlled . . . . .	11
11	Oscillator, Crystal Controlled . . . . .	12
12	DIGI CHANNEL, Model 3503, Oscillator/Synthesizer . . . . .	13
13	Power Supply . . . . .	14
14	Preamplifier, AF/AGC- Squelch . . . . .	15
15	Preamplifier, AF/AGC- Squelch . . . . .	18
16	Frame Assembly, Receiver, Radio, Model 3101 (VHF) and Model 3102 (UHF) . . . . .	16
17	Interface Cable Kit . . . . .	17
18	Oscillator/Multiplier . . . . .	19

Figure 1. Receiver, Radio, Unit 1



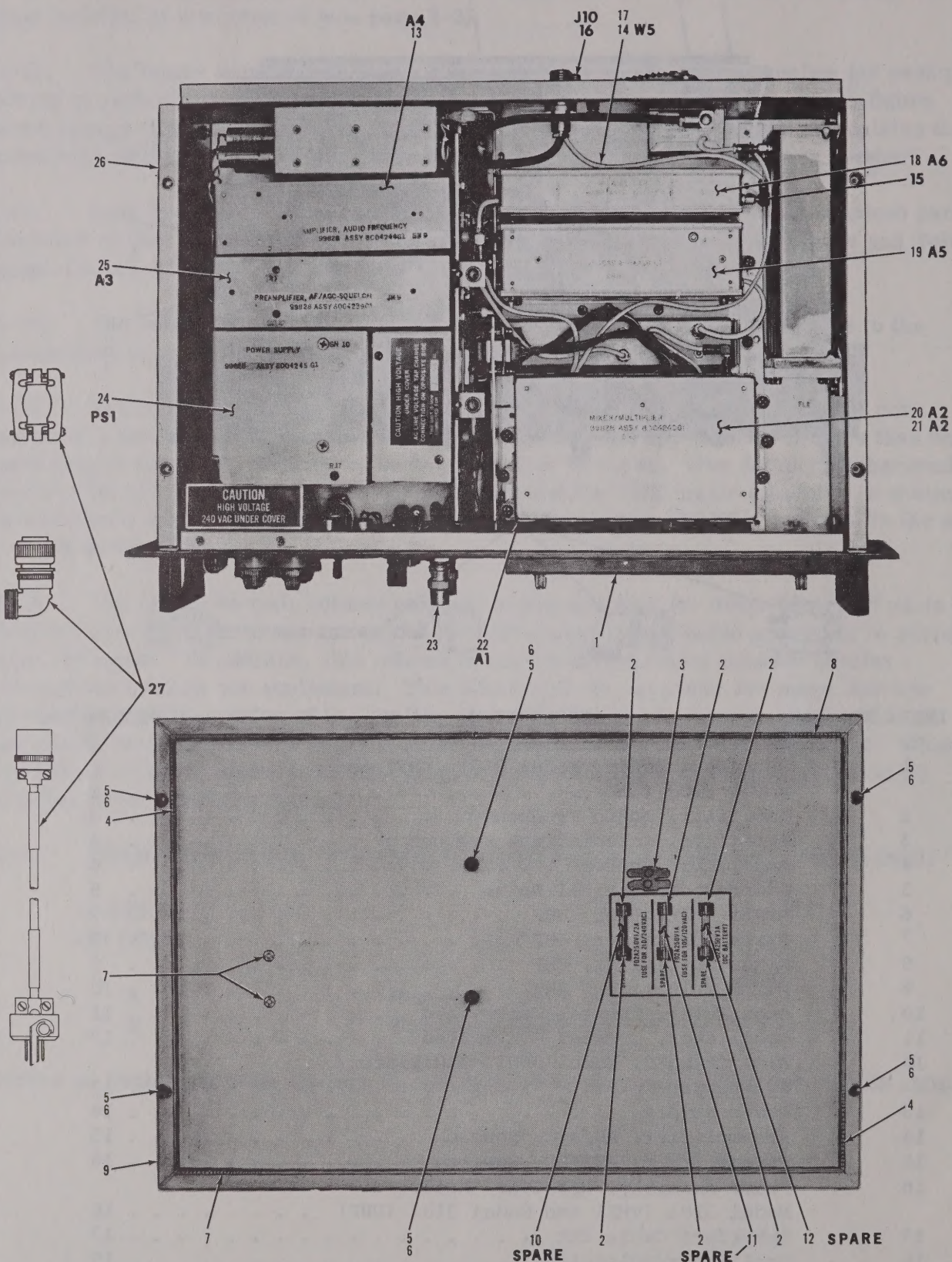


Figure 2. Receiver, Radio, VHF (Model 3101) and UHF (Model 3102), Unit 1



## SECTION II

### GROUP ASSEMBLY PARTS LIST

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
2 -	8004203G1	A	RECEIVER, RADIO, MODEL 3102 /UHF/	REF	A
- 1	8004203G2	A	RECEIVER, RADIO, MODEL 3101 /VHF/	REF	B
	8006157-5	B	PLATE, IDENTIFICATION	1	A
	8006157-6	B	PLATE, IDENTIFICATION	1	B
			ATTACHING PARTS		
	MS35206-202	B	SCREW	2	
	MS27183-2	B	WASHER	2	
	MS35338-39	B	WASHER	2	
			-----*		
- 2	8004587G1	B	COVER ASSEMBLY, RECEIVER	1	
	509417-1	C	FUSEHOLDER	6	
			ATTACHING PARTS		
	MS16535-132	C	RIVET	6	
			-----*		
- 3	8004962-1	C	SHIELD, RFI	1	
			ATTACHING PARTS		
	504857-2	C	EYELET, FLAT FLANGE	2	
			-----*		
- 4	8004295-2	C	SHIELD, RADIO FREQUENCY INTERFERENCE	2	
- 5	517689-1	C	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	6	
	508874-15	C	PACKING, PREFORMED /ALTERNATE PART USED IN LATER CONFIGURATIONS/	6	
- 6	511338-11	C	SCREW, SELF-LOCKING /USED IN EARLY CONFIGURATIONS/	6	
	511338-32	C	SCREW, SELF-LOCKING /USED IN LATER CONFIGURATIONS/	6	
- 7	501062-1	C	BUTTON, PLUG	2	
- 8	8004295-1	C	SHIELD, RADIO FREQUENCY INTERFERENCE	2	
- 9	8004587-1	C	COVER, RECEIVER	1	
- 10	F02A250V1-2A	B	FUSE	1	
- 11	F02A250V1A	B	FUSE	1	
- 12	F02A250V3A	B	FUSE	1	
- 13	8004244G1	B	AMPLIFIER, AUDIO FREQUENCY /SEE FIGURE 3 FOR BREAKDOWN/	1	
	8004878G1	B	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL	1	
- 14	UG1466U	C	CONNECTOR	1	
- 15	502082-1	C	CONNECTOR, PLUG, ELECTRICAL	1	
- 16	516665-2	C	MARKER, IDENTIFICATION	1	
- 17	RG188U		CABLE, RF	AR	
- 18	8004247G1	B	AMPLIFIER, INTERMEDIATE FREQUENCY /SEE FIGURE 4 FOR BREAKDOWN/	1	
- 19	8116765G1	B	AMPLIFIER, BUFFER /SEE FIGURE 6 FOR BREAKDOWN/	1	
	8004238G1	B	LIMITER, ELECTRICAL NOISE /SEE FIGURE 5 FOR BREAKDOWN/	1	
			OPTIONAL MODULE FOR USE IN HIGH PULSE INTERFERENCE ENVIRONMENTS. INSERT IN PLACE OF 8116765G1 WHEN USED.		
- 20	8004240G1	B	MIXER-MULTIPLIER, UHF /SEE FIGURE 7 FOR BREAKDOWN, USED IN EARLY CONFIGURATIONS, REPLACED BY 8004240G2 IN LATER CONFIGURATIONS/	1	A
	8004240G2	B	MIXER-MULTIPLIER, UHF /SEE FIGURE 8 FOR BREAKDOWN, REPLACES AND IS INTERCHANGEABLE WITH 8004240G1 USED IN LATER CONFIGURATIONS/	1	A
- 21	8004241G1	B	MIXER-MULTIPLIER, VHF /SEE FIGURE 9 FOR BREAKDOWN, USED IN EARLY CONFIGURATIONS, REPLACED BY 8004241G2 IN LATER CONFIGURATIONS/	1	B
	8004241G2	B	MIXER-MULTIPLIER, VHF /SEE FIGURE 10 FOR BREAKDOWN, REPLACES AND IS INTERCHANGEABLE WITH 8004241G1/ USED IN LATER CONFIGURATIONS/	1	B
- 22	8004290G1	B	OSCILLATOR, CRYSTAL CONTROLLED /SEE FIGURE 11 FOR BREAKDOWN, USED IN EARLY CONFIGURATIONS, REPLACED BY 8004290G2 IN LATER CONFIGURATIONS/	1	
	8004290G2	B	OSCILLATOR, CRYSTAL CONTROLLED /SEE FIGURE 12 FOR BREAKDOWN, REPLACES AND IS INTERCHANGEABLE WITH 8004290G1/USED IN LATER CONFIGURATIONS/	1	
	8009306G1	B	DIGI CHANNEL, MODEL 3503, OSCILLATOR/SYNTHESIZER /SEE FIGURE 13 FOR BREAKDOWN/ OPTIONAL MODULE FOR ALL CRYSTAL CONTROLLED OSCILLATORS, PART NUMBERS 8004290G1 AND 8004290G2 AS APPLICABLE	1	
	8009546G1	B	OSCILLATOR/MULTIPLIER /OPTIONAL MODULE FOR CRYSTAL CONTROLLED OSCILLATORS, PART NUMBERS 8004290G1, 8004290G2 AND DIGI CHANNEL 8009306G1, SEE FIGURE 19 FOR BREAKDOWN/	1	
- 23	8006125-1	B	ADAPTER, MODIFIED	1	
- 24	8004245G1	B	POWER SUPPLY /SEE FIGURE 14 FOR BREAKDOWN/	1	
- 25	8004239G1	B	PREAMPLIFIER, AF/AGC-SQUELCH /SEE FIGURE 15 FOR BREAKDOWN/	1	
	8008586G1	B	PREAMPLIFIER, AF/AGC SQUELCH-REPLACEMENT MODULE FOR 8004239G1 IN LATER CONFIGURATIONS /SEE FIGURE 18 FOR BREAKDOWN/	1	
- 26	8004206G1	B	FRAME ASSEMBLY, RECEIVER, RADIO, UHF SEE FIGURE 16 FOR BREAKDOWN/	1	A
	8004206G2	B	FRAME ASSEMBLY, RECEIVER, RADIO, VHF SEE FIGURE 16 FOR BREAKDOWN/	1	B
- 27	8006148G1	B	INTERFACE CABLE KIT /SEE FIGURE 17 FOR BREAKDOWN/	1	



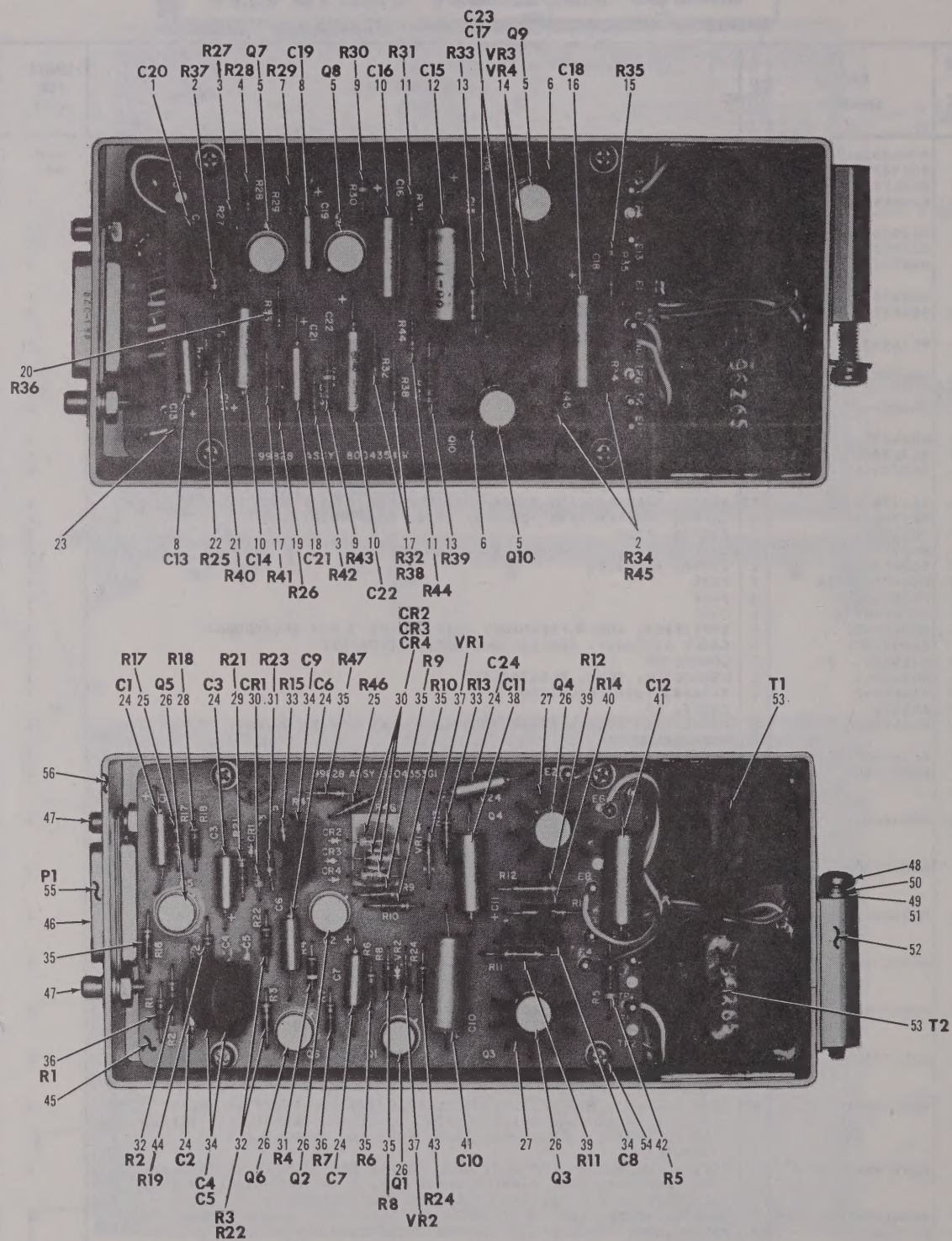


Figure 3. Amplifier, Audio Frequency, 1A4



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
3 -	8004244G1 8004354G1	A B	AMPLIFIER, AUDIO FREQUENCY /SEE FIGURE 2 FOR NHA/ CIRCUIT CARD ASSEMBLY, AUDIO NUMBER 2 ATTACHING PARTS	REF 1	
	MS35206-213	B	SCREW	4	
	MS27183-3	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			-----*		
- 1	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	3	
- 2	RCR07G101JR	C	RESISTOR	3	
- 3	RCR07G103JR	C	RESISTOR	2	
- 4	RCR07G182JR	C	RESISTOR	1	
- 5	JAN2N1613	C	TRANSISTOR	4	
- 6	506475-1	C	HEAT SINK, ELECTRONIC COMPONENT	2	
- 7	RCR07G223JR	C	RESISTOR	1	
- 8	M39003-01-2286	C	CAPACITOR	2	
- 9	RCR07G391JR	C	RESISTOR	2	
- 10	M39003-01-2374	C	CAPACITOR	3	
- 11	RCR07G123JR	C	RESISTOR	2	
- 12	CL65BH151KPE	C	CAPACITOR	1	
- 13	RCR20G150JR	C	RESISTOR	2	
- 14	JAN1N9768	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 15	RCR20G470JR	C	RESISTOR	1	
- 16	M39003-01-2312	C	CAPACITOR	1	
- 17	RCR07G821JR	C	RESISTOR	3	
- 18	M39003-01-2359	C	CAPACITOR	1	
- 19	RCR07G273JR	C	RESISTOR	1	
- 20	RCR07G221JR	C	RESISTOR	1	
- 21	RCR07G472JR	C	RESISTOR	1	
- 22	RCR07G102JR	C	RESISTOR	1	
- 23	8004409G1	C	PRINTED WIRING BOARD	1	
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	11	
	8004409-1	D	PRINTED WIRING BOARD	1	
	8004353G1	B	CIRCUIT CARD ASSEMBLY, AUDIO NUMBER 1 ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS27183-3	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			-----*		
- 24	M39003-01-2286	C	CAPACITOR	6	
- 25	RCR07G332JR	C	RESISTOR	2	
- 26	JAN2N1613	C	TRANSISTOR	6	
- 27	506475-1	C	HEAT SINK, ELECTRONIC COMPONENT	2	
- 28	RCR07G222JR	C	RESISTOR	1	
- 29	RCR07G331JR	C	RESISTOR	1	
- 30	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE /CR4 DELETED IN LATER CONFIGURATIONS/	4	
- 31	RCR07G391JR	C	RESISTOR	2	
- 32	RCR07G103JR	C	RESISTOR	3	
- 33	RCR07G271JR	C	RESISTOR	2	
- 34	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	4	
- 35	RCR07G102JR	C	RESISTOR	6	
- 36	RCR07G153JR	C	RESISTOR	2	
- 37	JAN1N9768	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 38	M39003-01-2374	C	CAPACITOR	1	
- 39	RCR20G150JR	C	RESISTOR	2	
- 40	RCR20G270JR	C	RESISTOR	1	
- 41	M39003-01-2312	C	CAPACITOR	2	
- 42	RCR20G470JR	C	RESISTOR	1	
- 43	RCR07G273JR	C	RESISTOR	1	
- 44	RCR07G101JR	C	RESISTOR	1	
- 45	8004411G1	C	PRINTED WIRING BOARD	1	
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	12	
	8004411-1	D	PRINTED WIRING BOARD	1	
- 46	502056-401	B	CONTACT, ELECTRICAL	11	
- 47	8004951-1	B	PIN, SHOULDER, HEADLESS ATTACHING PARTS	2	
	NAS671-6	B	NUT	2	
	MS27183-5	B	WASHER	2	
	MS35338-41	B	WASHER	2	
			-----*		
- 48	MS35206-251	B	SCREW	1	
- 49	MS27183-7	B	WASHER	1	
- 50	MS35338-42	B	WASHER	1	
- 51	517689-1	B	WASHER /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
	8004563G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 52	8004475-2	C	LUG, MOUNTING ATTACHING PARTS	1	
	MS16535-134	C	RIVET	4	
			-----*		
- 53	515323-1	C	TRANSFORMER, AUDIO FREQUENCY ATTACHING PARTS	2	
	MS16535-65	C	RIVET	8	
			-----*		
- 54	8004561-1	C	BRACKET, DOUBLE ANGLE ATTACHING PARTS	4	
	MS16535-65	C	RIVET	4	
			-----*		







FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
3 - 55	502056-102	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
	8004777-1	C	ATTACHING PARTS EYELET, METALLIC	2	
- 56	8004563-1	A	CHASSIS	1	
4 -	8004247G1	A	AMPLIFIER, INTERMEDIATE FREQUENCY /SEE FIGURE 2 FOR NHA/	REF	
	8004601G1	B	COVER ASSEMBLY, AMPLIFIER	2	
	MS35206-213	B	ATTACHING PARTS SCREW	6	
	MS35338-40	B	WASHER	6	
	MS27183-3	B	WASHER	6	
- 1	8004601-5	C	STRIP, GROUNDING	1	
	MS16535-63	C	ATTACHING PARTS RIVET	6	
- 2	502071-7	C	CONTACT STRIP, RF GROUNDING	2	
	MS16535-63	C	ATTACHING PARTS RIVET	12	
- 3	8004601-1	C	COVER, TOP	1	
- 4	8004951-1	B	PIN, SHOULDER, HEADLESS	1	
	NAS671-6	B	ATTACHING PARTS NUT	1	
	MS27183-5	B	WASHER	1	
	MS35338-41	B	WASHER	1	
- 5	UG1465U	B	CONNECTOR	1	
- 6	8004961-1	B	SHIELD, RETAINER	1	
	MS25082-12	B	ATTACHING PARTS NUT	1	
	MS35333-39	B	WASHER	1	
- 7	UG1468U	B	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	B	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
- 8	CK068X103K	B	CAPACITOR	2	
- 9	MS35206-251	B	SCREW	1	
- 10	MS27183-7	B	WASHER	1	
- 11	MS35338-42	B	WASHER	1	
- 12	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
- 13	8004885-1	B	SPACER, PLATE	3	
	MS35206-202	B	ATTACHING PARTS SCREW	3	
	MS35190-210	B	SCREW	3	
- 14	502056-401	B	CONTACT, ELECTRICAL	6	
- 15	8004886-1	B	STRAP, GROUND	1	
	MS35206-202	B	ATTACHING PARTS SCREW	1	
	MS35338-39	B	WASHER	1	
	8004743G1	B	CIRCUIT CARD ASSEMBLY, AMPLIFIER, IF NUMBER 2	1	
	MS35206-214	B	ATTACHING PARTS SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
- 16	RCR07G100JR	C	RESISTOR	1	
- 17	RCR07G510JR	C	RESISTOR	1	
- 18	RCR07G222JR	C	RESISTOR	3	
- 19	RCR07G680JR	C	RESISTOR	1	
- 20	RCR07G122JR	C	RESISTOR	1	
- 21	RCR07G182JR	C	RESISTOR	1	
- 22	RCR07G101JR	C	RESISTOR	3	
- 23	RCR07G821JR	C	RESISTOR	2	
- 24	8004819G3	C	COIL, RF	1	
	RCR20G304JR	D	RESISTOR	1	
- 25	CK068X103K	C	CAPACITOR	3	
- 26	515341-1	C	TRANSISTOR, NPN, SILICON /Q5 AND Q6 ARE JAN2N918 IN LATER CONFIGURATIONS/	3	
- 27	JAN2N918	C	TRANSISTOR /USED IN LATER CONFIGURATIONS/	2	
	515341-5	C	TRANSISTOR /ALTERNATE PART MAY BE USED IN PLACE OF JAN2N918 IN LATER CONFIGURATIONS/	2	
- 28	501174-501	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC, MINIATURE	1	
- 29	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	2	
- 30	RCR07G222JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G272JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 31	RCR07G102JR	C	RESISTOR	1	
- 32	RCR07G820JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G470JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 33	RCR07G163JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G752JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 34	RCR07G751JR	C	RESISTOR /R31 WAS RCR07G472JR IN EARLY CONFIGURATIONS, R36 WAS RCR07G102JR IN EARLY CONFIGURATIONS/	2	
	RCR07G472JR	C	RESISTOR /R31 USED IN EARLY CONFIGURATIONS/	1	
	RCR07G102JR	C	RESISTOR /R36 USED IN EARLY CONFIGURATIONS/	1	

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
4 - 35	509413-3	C	RESISTOR, THERMAL	1	
- 36	RCR07G392JR	C	RESISTOR	1	
- 37	RN55D3011F	C	RESISTOR	1	
- 38	RN55D5621F	C	RESISTOR	1	
- 39	JAN1N751A	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 40	RCR07G561JR	C	RESISTOR	1	
- 41	MS75008-40	C	COIL	5	
- 42	501170-4	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGU- RATIONS/	1	
	CK06BX223K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
	M39014-02-1206	C	CAPACITOR /USED IN LATEST CONFIGURATIONS/	1	
- 43	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	4	
- 44	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGU- RATIONS/	1	
	CK06BX104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 45	CK60BX101K	C	CAPACITOR /ALTERNATE PART 501240-31/	1	
- 46	CK06BX472K	C	CAPACITOR	1	
- 47	JAN2N2222A	C	TRANSISTOR	1	
- 48	507253-12	C	MOUNTING PAD, TRANSISTOR	4	
- 49	M39003-01-2271	C	CAPACITOR	1	
- 50	M39003-01-2304	C	CAPACITOR	2	
- 51	M39003-01-2306	C	CAPACITOR	1	
- 52	CK60BX150K	C	CAPACITOR /ALTERNATE PART 501240-16/	1	
- 53	8004742G1	C	PRINTED WIRING BOARD	1	
	514266-104	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	3	
	8004742-1	D	PRINTED WIRING BOARD	1	
	8004352G1	B	CIRCUIT CARD ASSEMBLY, AMPLIFIER, IF, NUMBER 1 ATTACHING PARTS	1	
	MS35206-203	B	SCREW	3	
	NAS620-2	B	WASHER	3	
	MS35338-39	B	WASHER	3	
			---*---		
- 54	RCR07G101JR	C	RESISTOR	2	
- 55	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	8	
- 56	501174-501	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC, MINIATURE	5	
- 57	CK06BX103K	C	CAPACITOR	2	
- 58	8004819G2	C	COIL, RF	1	
	RCR20G621JR	D	RESISTOR	1	
- 59	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	4	
- 60	MS75008-40	C	COIL	7	
- 61	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	4	
- 62	8004819G3	C	COIL, RF	1	
	RCR20G304JR	D	RESISTOR	1	
- 63	8004819G1	C	COIL, RF	1	
	RCR20G621JR	D	RESISTOR	1	
- 64	RCR07G331JR	C	RESISTOR	1	
- 65	RCR07G222JR	C	RESISTOR	7	
- 66	RCR07G123JR	C	RESISTOR	1	
- 67	MS75008-24	C	COIL /USED IN EARLY CONFIGURATIONS/	1	
	MS75008-25	C	COIL /USED IN LATER CONFIGURATIONS/	1	
- 68	509413-1	C	RESISTOR, THERMAL	1	
- 69	CM05ED470J03	C	CAPACITOR /USED IN EARLY CONFIGURATIONS/	1	
	CMR05E220J0DM	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 70	RCR07G202JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G182JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 71	RCR07G162JR	C	RESISTOR	1	
- 72	511833-1	C	TRANSISTOR, NPN, RF CONTROL /USED IN EARLY CONFIGURATIONS/	1	
	8009551-1	C	TRANSISTOR, NPN, RF CONTROL /USED IN LATER CONFIGURATIONS/	1	
- 73	M39003-01-2280	C	CAPACITOR	3	
- 74	RCR07G511JR	C	RESISTOR	2	
- 75	RCR07G242JR	C	RESISTOR	1	
- 76	515341-1	C	TRANSISTOR, NPN, SILICON	2	
- 77	507253-12	C	MOUNTING PAD, TRANSISTOR	3	
- 78	8004414G1	C	PRINTED WIRING BOARD	1	
	514266-104	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	3	
	8004414-1	D	PRINTED WIRING BOARD	1	
- 79	RG188AU	B	CABLE, RF	AR	
	8004596G1	B	CHASSIS, ELECTRICAL EQUIPMENT, AMPLIFIER	1	
- 80	8004560-1	C	BRACKET, ANGLE ATTACHING PARTS	4	
	MS16535-64	C	RIVET	2	
	MS16535-63	C	RIVET	2	
			---*---		
- 81	502056-101	C	CONNECTOR, RECEPTACLE, ELECTRICAL ATTACHING PARTS	1	
	8004777-1	C	EYELET, METALLIC	2	
			---*---		
- 82	8004596G2	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 83	501172-1	D	CAPACITOR, FIXED, CERAMIC DIELECTRIC, FEEDTHRU	2	







FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
5 -	8004238G1	A	LIMITER, ELECTRICAL NOISE /SEE FIGURE 2 FOR NHA/ OPTIONAL MODULE FOR USE IN HIGH PULSE INTERFERENCE ENVIRONMENTS. INSERT IN PLACE OF 8116765G1 WHEN USED.	REF	
- 1	8004594-1	B	COVER	1	
	MS35206-213	B	ATTACHING PARTS SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
- 2	8004594-2	B	COVER	1	
	MS35206-213	B	ATTACHING PARTS SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
	8004376G1	B	CIRCUIT CARD ASSEMBLY, LIMITER NUMBER 1 ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
- 3	8006113-1	C	COVER, SHIELD	1	
- 4	MS75008-25	C	COIL	2	
- 5	CK608X470K	C	CAPACITOR /ALTERNATE PART 501240-25/	4	
- 6	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	6	
- 7	CK608X680M	C	CAPACITOR /ALTERNATE PART 501240-28/	1	
- 8	511769-2	C	SEMICONDUCTOR DEVICE, DIODE, PIN TYPE	2	
- 9	RCR07G101JR	C	RESISTOR	2	
- 10	RCR07G222JR	C	RESISTOR	1	
- 11	RCR07G221JR	C	RESISTOR	3	
- 12	RCR07G560JR	C	RESISTOR	3	
- 13	RCR07G473JR	C	RESISTOR	1	
- 14	RCR07G122JR	C	RESISTOR	2	
- 15	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 16	RCR07G123JR	C	RESISTOR	1	
- 17	RCR07G510JR	C	RESISTOR	1	
- 18	RCR07G680JR	C	RESISTOR	1	
- 19	RCR07G102JR	C	RESISTOR	4	
- 20	RCR07G332JR	C	RESISTOR	1	
- 21	RCR07G223JR	C	RESISTOR	1	
- 22	504701-3	C	DELAY LINE	1	
- 23	501174-501	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC, MINIATURE	6	
- 24	MS75008-28	C	COIL	1	
- 25	MS75008-37	C	COIL	1	
- 26	M39003-01-2295	C	CAPACITOR	2	
- 27	511806-2	C	TRANSISTOR, NPN, AMPLIFIER	1	
- 28	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	2	
- 29	RCR07G390JR	C	RESISTOR	1	
- 30	RCR07G152JR	C	RESISTOR	1	
- 31	RCR07G562JR	C	RESISTOR	1	
- 32	MS75008-33	C	COIL	1	
- 33	CK608X220K	C	CAPACITOR /ALTERNATE PART 501240-19/	1	
- 34	M39003-01-2286	C	CAPACITOR	2	
- 35	JAN2N222A	C	TRANSISTOR	3	
- 36	507253-12	C	MOUNTING PAD, TRANSISTOR	3	
- 37	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGURATIONS/	1	
	CK068X104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 38	RCR32G471JR	C	RESISTOR	1	
- 39	CK608X101K	C	CAPACITOR /ALTERNATE PART 501240-31/	1	
- 40	501170-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGURATIONS/	1	
	CK068X123K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 41	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 42	RCR07G100JR	C	RESISTOR	1	
- 43	501202-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC	1	
- 44	MS75008-27	C	COIL	1	
- 45	MS75008-36	C	COIL	1	
- 46	UG1465U	C	CONNECTOR	1	
	RG188AU	C	CABLE, RF	AR	
- 47	8004961-1	C	SHIELD, RETAINER	1	
	MS25082-12	C	ATTACHING PARTS NUT	1	
	MS35333-39	C	WASHER	1	
- 48	CK61AW222M	C	CAPACITOR /ALTERNATE PART 501240-88/	1	
- 49	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	1	
- 50	RCR07G240JR	C	RESISTOR	1	
- 51	8004769G1	C	SHIELD ASSEMBLY, ELECTROMAGNETIC INTERFERENCE	1	
- 52	8004604G1	C	PRINTED WIRING BOARD	1	
	514266-104	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	11	
	8004604-1	D	PRINTED WIRING BOARD	1	
	8004377G1	B	CIRCUIT CARD ASSEMBLY, LIMITER NUMBER 2 ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
5 - 53	RCR07G102JR	C	RESISTOR	3	
- 54	M39003-01-2280	C	CAPACITOR	3	
- 55	509422-6	C	RESISTOR, VARIABLE	1	
- 56	M39003-01-2286	C	CAPACITOR	4	
- 57	RCR07G153JR	C	RESISTOR	1	
- 58	RCR07G223JR	C	RESISTOR	1	
- 59	CK60AX471K	C	CAPACITOR /ALTERNATE PART 501240-43/	1	
- 60	RCR07G202JR	C	RESISTOR	6	
- 61	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	5	
- 62	JAN2N222A	C	TRANSISTOR	5	
- 63	507253-12	C	MOUNTING PAD, TRANSISTOR	6	
- 64	RCR07G101JR	C	RESISTOR	2	
- 65	RCR07G431JR	C	RESISTOR	1	
- 66	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	7	
- 67	RCR07G333JR	C	RESISTOR	1	
- 68	RCR07G390JR	C	RESISTOR	1	
- 69	RCR07G271JR	C	RESISTOR	1	
- 70	RCR07G392JR	C	RESISTOR	3	
- 71	RCR07G182JR	C	RESISTOR	1	
- 72	RCR07G221JR	C	RESISTOR	1	
- 73	M39003-01-2306	C	CAPACITOR	3	
- 74	M39003-01-2374	C	CAPACITOR	1	
- 75	JAN1N759A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 76	RCR20G270JR	C	RESISTOR	1	
- 77	RCR07G122JR	C	RESISTOR	1	
- 78	JAN2N1613	C	TRANSISTOR	1	
- 79	MS75008-43	C	COIL	2	
- 80	CK61AW222M	C	CAPACITOR /ALTERNATE PART 501240-88/	1	
- 81	RCR07G510JR	C	RESISTOR	4	
- 82	507294-1	C	INTEGRATED CIRCUIT, AMPLIFIER, WIDE BAND	2	
- 83	507296-3	C	INSULATOR, DISK	3	
- 84	CM05ED220J03	C	CAPACITOR	1	
- 85	501174-202	C	CAPACITOR, VARIABLE	1	
- 86	CK60AW152M	C	CAPACITOR /ALTERNATE PART 501240-64/	2	
- 87	515341-1	C	TRANSISTOR, NPN, SILICON	1	
- 88	RCR07G100JR	C	RESISTOR	4	
- 89	RCR07G561JR	C	RESISTOR	1	
- 90	MS75008-29	C	COIL	1	
- 91	RCR07G471JR	C	RESISTOR	1	
- 92	RCR07G303JR	C	RESISTOR	1	
- 93	RCR07G393JR	C	RESISTOR	1	
- 94	RCR07G563JR	C	RESISTOR	1	
- 95	RCR07G682JR	C	RESISTOR	1	
- 96	RCR07G104JR	C	RESISTOR	1	
- 97	RCR07G512JR	C	RESISTOR	2	
- 98	RCR07G511JR	C	RESISTOR	2	
- 99	RCR07G103JR	C	RESISTOR	1	
-100	RCR07G472JR	C	RESISTOR	1	
-101	RCR07G152JR	C	RESISTOR	1	
-102	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGURATIONS/	1	
	CK06BX104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
-103	507295-1	C	INTEGRATED CIRCUIT, TRANSISTOR ARRAY	1	
-104	RCR07G331JR	C	RESISTOR	1	
-105	8004770G1	C	SHIELD ASSEMBLY, ELECTROMAGNETIC INTERFERENCE	1	
-106	8004606G1	C	PRINTED WIRING BOARD	1	
	514266-104	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	11	
	8004606-1	D	PRINTED WIRING BOARD	1	
-107	UG1464U	B	CONNECTOR	1	
-108	8102535-4	B	TERMINAL, LUG, LOCKING	1	
-109	8004951-1	B	PIN, SHOULDER, HEADLESS	2	
			ATTACHING PARTS		
	MS35649-262	B	NUT	2	
	MS27183-5	B	WASHER	2	
	MS35338-41	B	WASHER	2	
			---*---		
-110	502056-401	B	CONTACT, ELECTRICAL	3	
-111	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
-112	MS35206-251	B	SCREW	1	
-113	NAS620-8	B	WASHER	1	
-114	MS35338-42	B	WASHER	1	
-115	PG188AU	B	CABLE, RF	AR	
	8004564G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
-116	502056-101	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
			ATTACHING PARTS		
	8004777-1	C	EYELET, METALLIC	2	
			---*---		
-117	8004561-1	C	BRACKET, DOUBLE ANGLE	4	
			ATTACHING PARTS		
	MS16535-65	C	RIVET	4	
			---*---		
-118	8004560-1	C	BRACKET, ANGLE	8	
			ATTACHING PARTS		
	MS16535-64	C	RIVET	8	
			---*---		

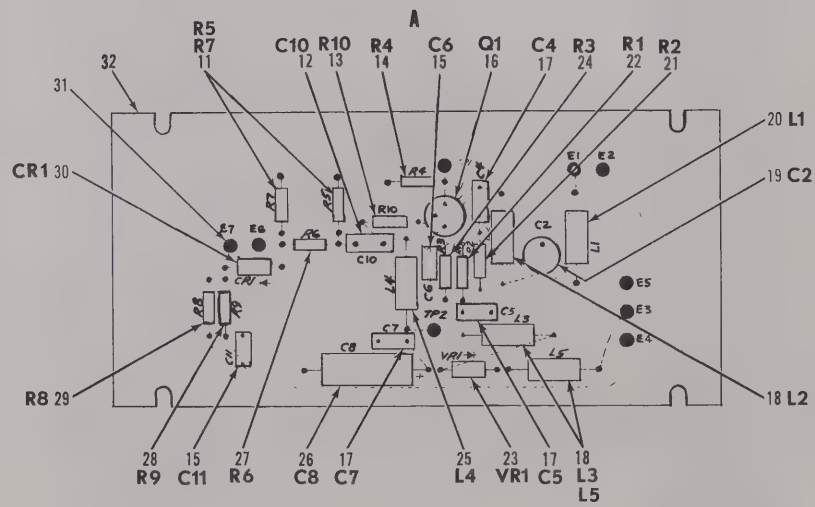
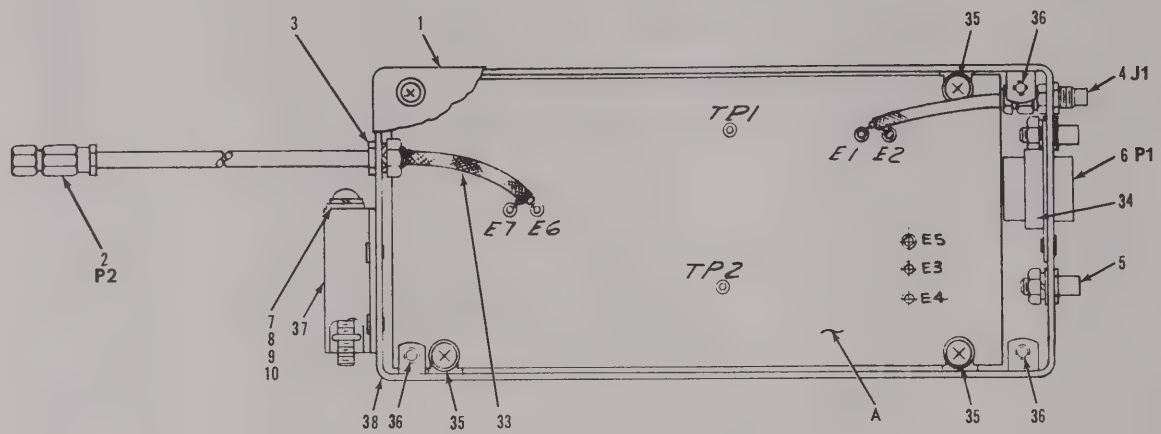


Figure 6. Amplifier, Buffer, 1A5



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
5 -119	8004761-2	C	SHIELD, RF	1	
	MS16535-64	C	ATTACHING PARTS RIVET	8	
-120	8004475-2	C	LUG, MOUNTING	1	
	MS16535-133	C	ATTACHING PARTS RIVET	4	
-121	8004564-2	C	CHASSIS	1	
6 -	8116765G1	A	AMPLIFIER, BUFFER /SEE FIGURE 2 FOR NHA/	REF	
- 1	8004594-3	B	COVER	2	
	MS35206-213	B	ATTACHING PARTS SCREW	8	
	NAS620-4	B	WASHER	8	
	MS35338-40	B	WASHER	8	
- 2	UG1465U	B	CONNECTOR	1	
- 3	8004961-1	B	SHIELD, RETAINER	1	
	MS25082-12	B	ATTACHING PARTS NUT	1	
	MS35333-39	B	WASHER	1	
- 4	UG1468U	B	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	B	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
- 5	8004951-1	B	PIN, SHOULDER, HEADLESS	2	
	MS35649-262	B	ATTACHING PARTS NUT	2	
	MS35338-41	B	WASHER	2	
	MS27183-5	B	WASHER	2	
- 6	502056-401	B	CONTACT, ELECTRICAL	3	
- 7	MS35206-251	B	SCREW	1	
- 8	MS35338-42	B	WASHER	1	
- 9	NAS620-8	B	WASHER	1	
- 10	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
	8006766G1	B	CIRCUIT CARD ASSEMBLY, AMPLIFIER, BUFFER	1	
	MS35206-213	B	ATTACHING PARTS SCREW	4	
	NAS620-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
- 11	RCR07G121JR	C	RESISTOR	2	
- 12	CM05E0680J03	C	CAPACITOR	1	
- 13	RCR07G100JR	C	RESISTOR	1	
- 14	RCR07G390JR	C	RESISTOR	1	
- 15	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	2	
- 16	511806-2	C	TRANSISTOR, NPN, AMPLIFIER	1	
- 17	CK61AW222M	C	CAPACITOR /ALTERNATE PART 501240-88/	3	
- 18	MS75008-37	C	CHOKES	3	
- 19	501174-501	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC	1	
- 20	MS75008-33	C	CHOKES	1	
- 21	RCR07G152JR	C	RESISTOR	1	
- 22	RCR07G562JR	C	RESISTOR	1	
- 23	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 24	RCR07G102JR	C	RESISTOR	1	
- 25	MS75008-25	C	CHOKES	1	
- 26	M39003-01-2295	C	CAPACITOR	1	
- 27	RCR07G470JR	C	RESISTOR	1	
- 28	RCR07G101JR	C	RESISTOR	1	
- 29	RCR07G222JR	C	RESISTOR	1	
- 30	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	1	
	8006767G1	C	PRINTED WIRING BOARD, AMPLIFIER, BUFFER	1	
- 31	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	6	
- 32	8006767-1	D	PRINTED WIRING BOARD	1	
- 33	RG188AU	C	CABLE, RF	AR	
	8006770G1	B	CHASSIS, ELECTRICAL EQUIPMENT, AMPLIFIER, BUFFER	1	
- 34	502056-101	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
	8004777-1	C	ATTACHING PARTS EYELET, METALLIC	2	
- 35	8004561-1	C	BRACKET, MOUNTING	4	
	MS16535-65	C	ATTACHING PARTS RIVET	4	
- 36	8004560-1	C	BRACKET, MOUNTING	8	
	MS16535-64	C	ATTACHING PARTS RIVET	8	
- 37	8004475-2	C	LUG, MOUNTING	1	
	MS16535-134	C	ATTACHING PARTS RIVET	4	
- 38	8006770-1	C	CHASSIS	1	

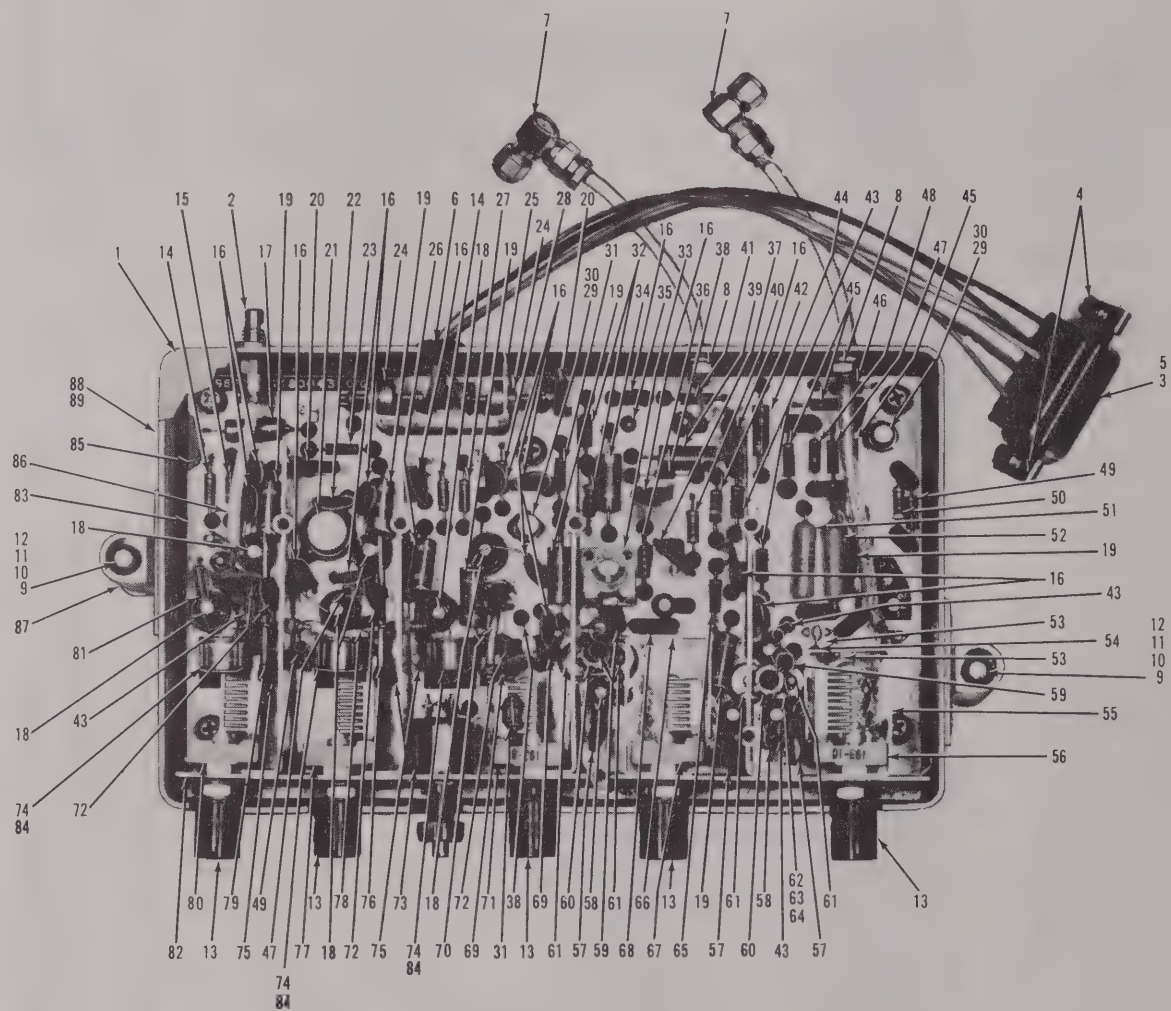


Figure 7. Mixer/Multiplier, UHF, 1A2



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
7 -	8004240G1	A	MIXER-MULTIPLIER, UHF /SEE FIGURE 2 FOR NHA/ USED IN EARLY CONFIGURATIONS, REPLACED BY 8004240G2 IN LATER CONFIGURATIONS/	REF	A
- 1	8004869-1	B	COVER, TOP, MIXER-MULTIPLIER, UHF	1	
	MS35190-211	B	ATTACHING PARTS SCREW	6	
- 2	UG1468U	B	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	B	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
- 3	502056-401	B	CONTACT, ELECTRICAL	5	
- 4	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
- 5	502056-102	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 6	MS35489-4	B	GROMMET	1	
- 7	UG1466U	B	CONNECTOR	2	
- 8	8004961-1	B	SHIELD, RETAINER	2	
	MS25082-12	B	ATTACHING PARTS NUT	2	
	MS35333-39	B	WASHER	2	
- 9	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
- 10	MS35206-251	B	SCREW	2	
- 11	MS27183-7	B	WASHER	2	
- 12	MS35338-42	B	WASHER	2	
- 13	500116-1	B	ADAPTER, SHAFT	5	
	8004350G1	B	CIRCUIT CARD ASSEMBLY MIXER-MULTIPLIER, UHF	1	
	MS35206-214	B	ATTACHING PARTS SCREW	5	
	MS27183-3	B	WASHER	5	
	MS35338-40	B	WASHER	5	
- 14	RCR07G361JR	C	RESISTOR	2	
- 15	RCR07G392JR	C	RESISTOR	1	
- 16	CK60AW102M	C	CAPACITOR	15	
- 17	M39003-01-2362	C	CAPACITOR	1	
- 18	501171-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, STANDOFF	6	
- 19	MS75008-28	C	COIL	6	
- 20	CK06BX103K	C	CAPACITOR	2	
- 21	JAN2N697	C	TRANSISTOR	1	
- 22	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC	1	
- 23	RCR07G152JR	C	RESISTOR	1	
- 24	501172-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, FEEDTHRU	4	
- 25	8004851-1	C	SHIELD, FILTER MOUNTING	1	
- 26	MS75008-23	C	COIL	1	
- 27	RCR07G822JR	C	RESISTOR	1	
- 28	RCR07G131JR	C	RESISTOR	1	
- 29	JAN2N2222A	C	TRANSISTOR	2	
- 30	507253-12	C	MOUNTING PAD, TRANSISTOR	2	
- 31	RCR07G202JR	C	RESISTOR	2	
- 32	RCR07G223JR	C	RESISTOR	2	
- 33	501361-15	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 34	MS75008-33	C	COIL	1	
- 35	CM05FD101J03	C	CAPACITOR	1	
- 36	RCR07G151JR	C	RESISTOR	1	
- 37	509413-2	C	RESISTOR, THERMAL	1	
- 38	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	2	
- 39	MS75008-44	C	COIL	1	
- 40	RCR07G471JR	C	RESISTOR	1	
- 41	RCR07G102JR	C	RESISTOR	1	
- 42	RCR07G394JR	C	RESISTOR	1	
- 43	RCR07G101JR	C	RESISTOR	5	
- 44	RCR20G332JR	C	RESISTOR	1	
- 45	RCR07G562JR	C	RESISTOR	3	
- 46	JAN1N746A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 47	RCR07G103JR	C	RESISTOR	2	
- 48	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 49	RCR07G221JR	C	RESISTOR	2	
- 50	RCR07G102JR	C	RESISTOR	1	
- 51	RN65D3570F	C	RESISTOR	1	
- 52	RN65D1910F	C	RESISTOR	1	
- 53	501365-21	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, WAFER CHIP, LEADLESS	2	
- 54	511769-1	C	SEMICONDUCTOR DEVICE, DIODE, PIN TYPE	1	
	8004872G1	C	CAPACITOR ASSEMBLY	1	
	MS25082-13	C	ATTACHING PARTS NUT	1	
	MS35333-74	C	WASHER	1	
- 55	8004920-1	D	COIL, RF	1	
- 56	501185-10	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 57	CK60BX101K	C	CAPACITOR	3	
- 58	RCR07G104JR	C	RESISTOR	3	
- 59	512134-2	C	SHIELD, RFI, BEAD TYPE	3	
- 60	511830-2	C	TRANSISTOR, FET N CHANNEL	2	
- 61	8006108-1	C	CAPACITOR, MODIFIED	4	
	8004871G1	C	RETAINER ASSEMBLY	2	
- 62	509403-1	D	RETAINER, THERMAL	1	
	5339-05903-3	D	ATTACHING PARTS EYELET, METALLIC	1	

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
7 - 63	8004871-4	D	INSULATION TAPE, THERMAL	1	
- 64	8004871-1	D	PLATE, MOUNTING, RETAINER	1	
- 65	RCR07G623JR	C	RESISTOR	1	
	8004872G2	C	CAPACITOR ASSEMBLY	1	
			ATTACHING PARTS		
	MS25082-13	C	NUT	1	
	MS35333-74	C	WASHER	1	
			---*---		
- 66	8004919-1	D	COIL, RF	1	
- 67	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 68	CM05CD100J03	C	CAPACITOR	1	
- 69	CK608X220K	C	CAPACITOR	1	
	8004813G1	C	CAPACITOR ASSEMBLY	1	
			ATTACHING PARTS		
	MS25082-13	C	NUT	1	
	MS35333-74	C	WASHER	1	
			---*---		
- 70	8004814-1	D	COIL, RF	1	
- 71	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 72	CK60AX471K	C	CAPACITOR	4	
- 73	RV6LAYS103A	C	RESISTOR	1	
- 74	511800-1	C	TRANSISTOR, NPN, POWER AMPLIFIER, RF	3	
- 75	RCR07G100JR	C	RESISTOR	3	
	8004789G3	C	CAPACITOR ASSEMBLY	1	
			ATTACHING PARTS		
	MS25082-13	C	NUT	1	
	MS35333-74	C	WASHER	1	
			---*---		
- 76	8004960-2	D	COIL, RF	1	
- 77	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 78	RCR07G203JR	C	RESISTOR	1	
	8004789G2	C	CAPACITOR ASSEMBLY	1	
			ATTACHING PARTS		
	MS25082-13	C	NUT	1	
	MS35333-74	C	WASHER	1	
			---*---		
- 79	8004960-1	D	COIL, RF	1	
- 80	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 81	RCR07G511JR	C	RESISTOR	1	
- 82	8004927G1	C	SHIELD ASSEMBLY	1	
	514264-701	D	TERMINAL, STUD, INSULATED	3	
- 83	8004849G1	C	PRINTED WIRING BOARD	1	
- 84	501909-1	D	CLIP, SPRING, TENSION	3	
			ATTACHING PARTS		
	MS16535-64	D	RIVET	3	
			---*---		
	514264-404	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	5	
	514266-302	D	TERMINAL, STD, UNINSULATED, TURRET-TYPE	12	
	8004849-1	D	PRINTED WIRING BOARD	1	
- 85	8006128-1	B	INSULATOR	1	
- 86	RG188AU	B	CABLE, RF	AR	
	8004870G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 87	8004750-1	C	LUG, MOUNTING	2	
			ATTACHING PARTS		
	MS16535-133	C	RIVET /USED IN EARLY CONFIGURATIONS	8	
	MS16535-134	C	RIVET /USED IN LATER CONFIGURATIONS/	8	
			---*---		
- 88	505127-42	C	STANDOFF, THREADED	5	
- 89	8004870-1	C	CHASSIS	1	



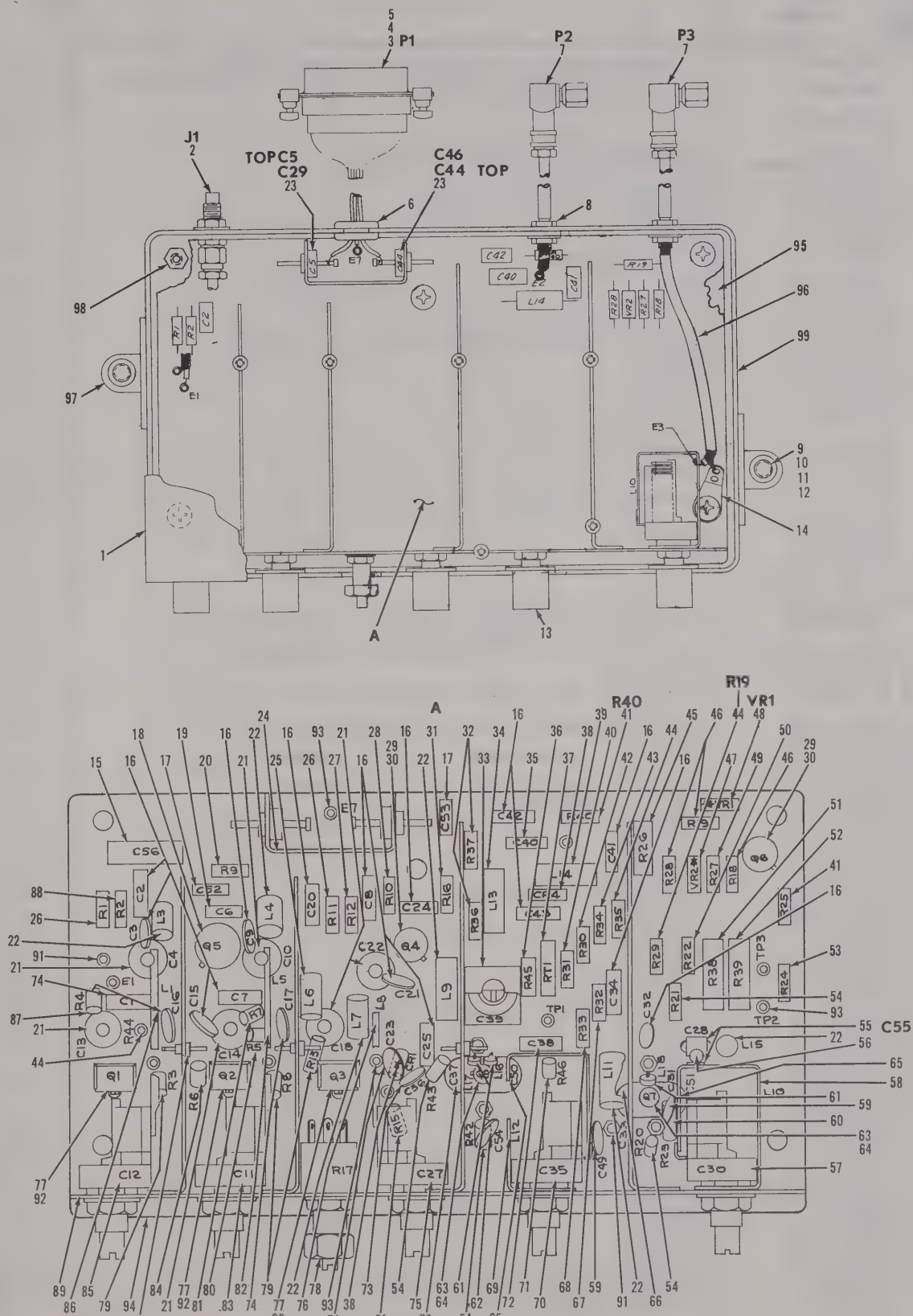


Figure 8. Mixer/Multiplier, UHF, 1A2

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
8 -	8004240G2	A	MIXER-MULTIPLIER, UHF /SEE FIGURE 2 FOR NHA/ REPLACES AND IS INTERCHANGEABLE WITH 8004240G1/USED IN LATER CONFIGURATIONS/	REF	A
- 1	8004869-1	B	COVER, TOP, MIXER-MULTIPLIER, UHF	1	
	MS35190-211	B	ATTACHING PARTS	6	
			-----*		
- 2	UG1468U	B	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	B	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
- 3	502056-401	B	CONTACT, ELECTRICAL	5	
- 4	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
- 5	502056-102	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 6	MS35489-4	B	GROMMET	1	
- 7	UG1466U	B	CONNECTOR	2	
- 8	8004961-1	B	SHIELD, RETAINER	2	
			ATTACHING PARTS		
	MS25082-12	B	NUT	2	
	MS35333-39	B	WASHER	2	
			-----*		
- 9	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
- 10	MS35206-251	B	SCREW	2	
- 11	MS27183-7	B	WASHER	2	
- 12	MS35338-42	B	WASHER	2	
- 13	500116-1	B	ADAPTER, SHAFT	5	
- 14	514260-2	B	TERMINAL, LUG TYPE	1	
			ATTACHING PARTS		
	MS35206-214	B	SCREW	1	
	MS35338-40	B	WASHER	1	
			-----*		
	8006164G1	B	CIRCUIT CARD ASSEMBLY, MIXER-MULTIPLIER, UHF	1	
			ATTACHING PARTS		
	MS35206-214	B	SCREW	4	
	MS27183-3	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			-----*		
- 15	M39003-01-2362	C	CAPACITOR	1	
- 16	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	13	
	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/ C20 AND C24 USED IN EARLY CONFIGURATIONS	2	
	M39014-02-1407	C	CAPACITOR, C20 AND C24 USED IN LATER CONFIGURATIONS/	2	
- 17	CK06BX103K	C	CAPACITOR	2	
- 18	JAN2N697	C	TRANSISTOR	1	
- 19	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGU- RATIONS/	1	
	CK06BX104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 20	RCR07G152JR	C	RESISTOR	1	
- 21	501171-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, STANDOFF	6	
- 22	MS75008-28	C	INDUCTOR	6	
- 23	501172-1	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, FEEDTHRU	4	
- 24	8004851-1	C	SHIELD, FILTER MOUNTING	1	
- 25	MS75008-23	C	INDUCTOR	1	
- 26	RCR07G361JR	C	RESISTOR	2	
- 27	RCR07G822JR	C	RESISTOR	1	
- 28	RCR07G131JR	C	RESISTOR	1	
- 29	JAN2N222A	C	TRANSISTOR	2	
- 30	507253-12	C	MOUNTING PAD, TRANSISTOR	2	
- 31	RCR07G202JR	C	RESISTOR	2	
- 32	RCR07G223JR	C	RESISTOR	2	
- 33	501361-15	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 34	MS75008-33	C	INDUCTOR	1	
- 35	CM05FD101J03	C	CAPACITOR	1	
- 36	RCR07G151JR	C	RESISTOR	1	
- 37	509413-2	C	RESISTOR, THERMAL	1	
- 38	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	2	
- 39	MS75008-44	C	INDUCTOR	1	
- 40	RCR07G333JR	C	RESISTOR	1	
- 41	RCR07G102JR	C	RESISTOR	2	
- 42	RCR07G105JR	C	RESISTOR	1	
- 43	RCR07G394JR	C	RESISTOR	1	
- 44	RCR07G101JR	C	RESISTOR	3	
- 45	RCR20G332JR	C	RESISTOR	1	
- 46	RCR07G562JR	C	RESISTOR	3	
- 47	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 48	JAN1N746A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 49	RCR07G153JR	C	RESISTOR	1	
- 50	RCR07G334JR	C	RESISTOR	1	
- 51	RN65D3570F	C	RESISTOR	1	
- 52	RN65D1910F	C	RESISTOR	1	
- 53	RCR07G473JR	C	RESISTOR	1	
- 54	RCR07G104JR	C	RESISTOR	4	
- 55	501365-21	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, WAFER CHIP, LEADLESS	2	
- 56	511769-1	C	SEMICONDUCTOR DEVICE, DIODE, PIN TYPE	1	
	8004872G3	C	CAPACITOR ASSEMBLY	1	
			ATTACHING PARTS		
	MS25082-13	C	NUT	1	
	MS35333-74	C	WASHER	1	



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
8 - 57	8004920-2	D	COIL, RF	1	
- 58	501185-10	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 59	CK608X101K	C	CAPACITOR /ALTERNATE PART 501240-31/	2	
- 60	RCR07G391JR	C	RESISTOR	1	
- 61	512134-2	C	SHIELD, RF1, BEAD TYPE	3	
- 62	CK608X101K	C	CAPACITOR /USED IN EARLY CONFIGURATIONS/	1	
	CK608X150K	C	CAPACITOR /USED IN LATER CONFIGURATIONS, ALTERNATE PART 501240-16/	1	
- 63	515346-1	C	TRANSISTOR, FET, N CHANNEL	2	
	8004871G1	C	RETAINER ASSEMBLY	2	
- 64	509403-1	D	RETAINER, THERMAL	1	
	5339-05903-3	D	ATTACHING PARTS EYELET	1	
	8004871-4	D	INSULATION TAPE, THERMAL	1	
- 65	8004871-1	D	PLATE, MOUNTING, RETAINER	1	
- 66	8006108-1	C	CAPACITOR, MODIFIED	4	
- 67	RCR07G623JR	C	RESISTOR	1	
- 68	RCR07G471JR	C	RESISTOR	1	
	8004872G2	C	CAPACITOR ASSEMBLY	1	
	MS25082-13	C	ATTACHING PARTS NUT	1	
	MS35333-74	C	WASHER	1	
- 69	8004919-1	D	COIL, RF	1	
- 70	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 71	RCR07G222JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
	RCR07G152JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
	RCR07G472JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
- 72	CM05CD100J03	C	CAPACITOR	1	
- 73	CK608X220K	C	CAPACITOR /ALTERNATE PART 501240-19/	1	
- 74	CK60AX471K	C	CAPACITOR /ALTERNATE PART 501240-43/	4	
	8004813G1	C	CAPACITOR ASSEMBLY	1	
	MS25082-13	C	ATTACHING PARTS NUT	1	
	MS35333-74	C	WASHER	1	
- 75	8004814-1	D	COIL, RF	1	
- 76	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 77	511800-1	C	TRANSISTOR, NPN, POWER AMPLIFIER, RF	3	
- 78	RV6LAYSA103A	C	RESISTOR	1	
- 79	RCR07G100JR	C	RESISTOR	3	
- 80	RCR07G203JR	C	RESISTOR	1	
- 81	RCR07G103JR	C	RESISTOR	1	
	8004789G3	C	CAPACITOR ASSEMBLY	1	
	MS25082-13	C	ATTACHING PARTS NUT	1	
	MS35333-74	C	WASHER	1	
- 82	8004960-2	D	COIL, RF	1	
- 83	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 84	RCR07G221JR	C	RESISTOR	1	
	8004789G2	C	CAPACITOR ASSEMBLY	1	
	MS25082-13	C	ATTACHING PARTS NUT	1	
	MS35333-74	C	WASHER	1	
- 85	8004960-1	D	COIL, RF	1	
- 86	501185-9	D	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
- 87	RCR07G511JR	C	RESISTOR	1	
- 88	RCR07G392JR	C	RESISTOR	1	
- 89	8004927G2	C	SHIELD ASSEMBLY	1	
- 90	514264-701	D	TERMINAL, STUD, INSULATED	3	
	8006163G1	C	PRINTED WIRING BOARD	1	
- 91	514264-404	D	TERMINAL, STUD, INSULATED	5	
- 92	501909-1	D	CLIP, SPRING, TENSION	3	
	MS16535-64	D	ATTACHING PARTS RIVET	3	
- 93	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	11	
- 94	8006163-1	D	PRINTED WIRING BOARD	1	
- 95	8006128-1	B	INSULATOR	1	
- 96	RG188AU	B	CABLE, RF	AR	
	8004870G2	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 97	8004750-1	C	LUG, MOUNTING	2	
	MS16535-133	C	ATTACHING PARTS RIVET /USED IN EARLY CONFIGURATIONS/	8	
	MS16535-134	C	RIVET /USED IN LATER CONFIGURATIONS/	8	
- 98	505127-42	C	STANDOFF, THREADED	5	
- 99	8004870-5	C	CHASSIS	1	

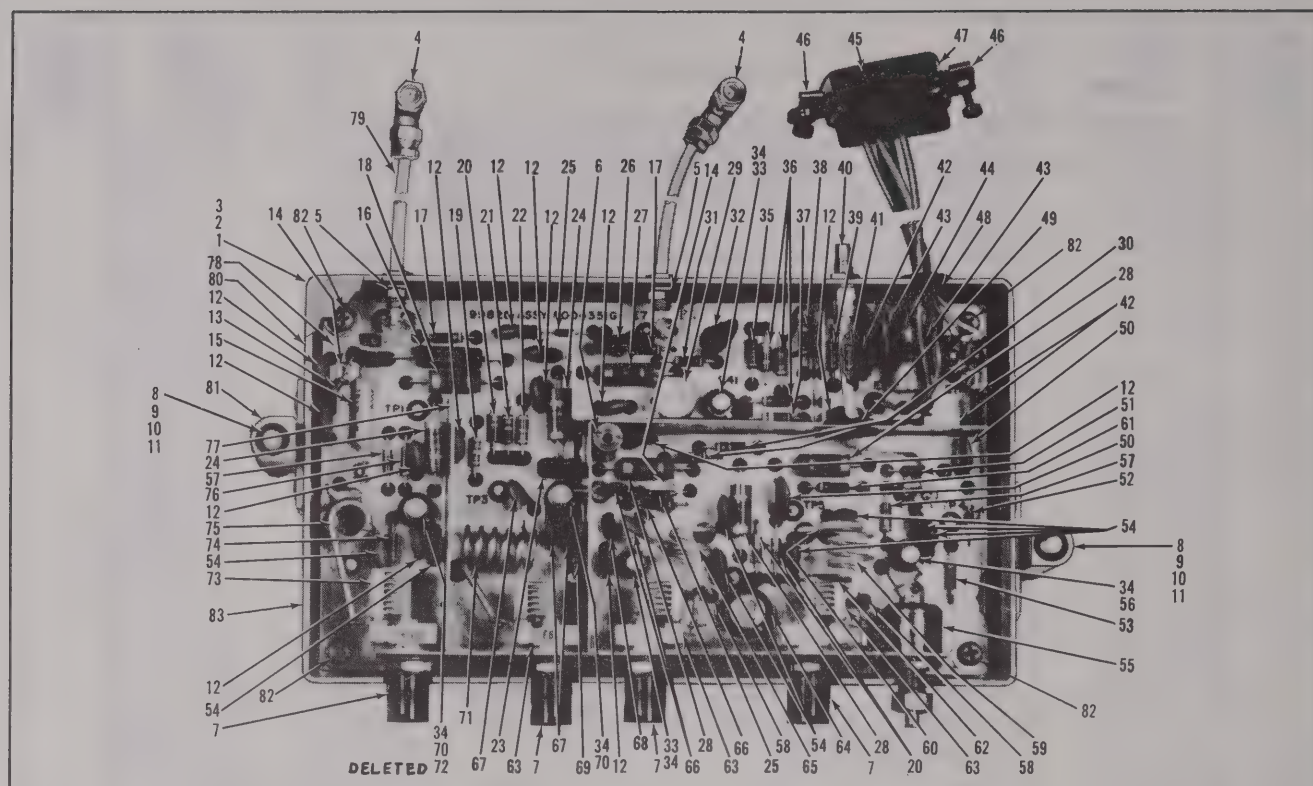


Figure 9. Mixer/Multiplier, VHF, 1A2

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
9 -	8004241G1	A	MIXER-MULTIPLIER, VHF /SEE FIGURE 2 FOR NHA/ USED IN EARLY CONFIGURATIONS, REPLACED BY 8004241G2 IN LATER CONFIGURATIONS/	REF	B
	8004823G1	B	COVER, TOP, MIXER-MULTIPLIER, VHF	1	
	MS35190-221	B	SCREW	1	
- 1	8004823-3	C	SEAL, RFI	1	
- 2	8004823-2	C	SEAL, RFI	1	
- 3	8004823-1	C	COVER	1	
- 4	UG1466U	B	CONNECTOR	2	
- 5	8004961-1	B	SHIELD, RETAINER	2	
	MS25082-12	B	NUT	2	
	MS35333-39	B	WASHER	2	
- 6	8004824-1	B	STANDOFF, THREADED	1	
	MS35333-36	B	WASHER	1	
- 7	500116-1	B	ADAPTER, SHAFT	4	
- 8	MS35206-252	B	SCREW	2	
- 9	MS27183-7	B	WASHER	2	
- 10	MS35338-42	B	WASHER	2	
- 11	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
	8004351G1	B	CIRCUIT CARD ASSEMBLY, MIXER-MULTIPLIER, VHF	1	
	MS35206-214	B	SCREW	4	
	MS27183-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
- 12	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	12	
- 13	511769-1	C	SEMICONDUCTOR DEVICE, DIODE, PIN TYPE	1	
- 14	501365-25	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, WAFER CHIP, LEADLESS	2	
- 15	RN65D1910F	C	RESISTOR	1	
- 16	RN65D4020F	C	RESISTOR	1	
- 17	RCR07G102JR	C	RESISTOR	2	
- 18	MS75008-40	C	COIL	1	
- 19	RCR07G334JR	C	RESISTOR	1	



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
9 - 20	RCR07G203JR	C	RESISTOR	3	
- 21	RCR07G153JR	C	RESISTOR	1	
- 22	RCR07G473JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G154JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 23	CM05ED330J03	C	CAPACITOR	1	
- 24	MS75008-44	C	COIL	2	
- 25	511785-2	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	2	
- 26	CM05FD331J03	C	CAPACITOR	1	
- 27	MS75008-30	C	COIL	1	
- 28	MS75008-32	C	COIL	3	
- 29	501174-102	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC, MINIATURE	1	
- 30	RCR07G103JR	C	RESISTOR	2	
- 31	RCR07G300JR	C	RESISTOR	1	
- 32	509413-2	C	RESISTOR, THERMAL	1	
- 33	JAN2N2222A	C	TRANSISTOR	2	
- 34	507253-12	C	MOUNTING PAD, TRANSISTOR	5	
- 35	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 36	RCR07G562JR	C	RESISTOR	3	
- 37	RCR07G391JR	C	RESISTOR	1	
- 38	RCR07G472JR	C	RESISTOR	1	
- 39	JAN1N746A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 40	UG1468U	C	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	C	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
	RG188AU	C	CABLE, RF	AR	
- 41	RCR07G302JR	C	RESISTOR	1	
- 42	CK06BX103K	C	CAPACITOR	3	
- 43	CK63AM103M	C	CAPACITOR /ALTERNATE PART 501240-85/	2	
- 44	MS75053-1	C	COIL	1	
- 45	502056-401	C	CONTACT, ELECTRICAL	5	
- 46	502056-301	C	RETAINER, ELECTRICAL CONNECTOR	2	
- 47	502056-102	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 48	MS35489-4	C	GROMMET	1	
- 49	MS35489-1	C	GROMMET	1	
- 50	CK61AM222M	C	CAPACITOR /ALTERNATE PART 501240-88/	2	
- 51	RCR07G682JR	C	RESISTOR	1	
- 52	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 53	RCR07G151JR	C	RESISTOR	1	
- 54	CK60AX471K	C	CAPACITOR /ALTERNATE PART 501240-43/	8	
- 55	RV6LAYS103A	C	RESISTOR	1	
- 56	511782-1	C	TRANSISTOR, NPN, RF AMPLIFIER	1	
- 57	RCR07G101JR	C	RESISTOR	2	
- 58	RCR07G180JR	C	RESISTOR	2	
- 59	8004830-1	C	COIL, RF	1	
- 60	8004827-1	C	COIL, RF	1	
- 61	RCR07G511JR	C	RESISTOR	1	
- 62	RCR07G271JR	C	RESISTOR	1	
- 63	501185-8	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	3	
	MS35333-74	C	ATTACHING PARTS WASHER	3	
- 64	511800-1	C	TRANSISTOR, NPN, POWER AMPLIFIER, RF	1	
- 65	8004829-1	C	COIL, RF	1	
- 66	RCR07G222JR	C	RESISTOR	1	
- 67	CK60BX101K	C	CAPACITOR	5	
- 68	509413-1	C	RESISTOR, THERMAL	1	
- 69	RCR07G301JR	C	RESISTOR	1	
- 70	511830-1	C	TRANSISTOR, FET N CHANNEL	2	
- 71	8006106-1	C	COIL, RF	1	
- 72	DELETED	C	TRANSISTOR, FET, N CHANNEL	1	
- 73	501185-9	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
	MS35333-74	C	ATTACHING PARTS WASHER	1	
- 74	RCR07G201JR	C	RESISTOR	1	
- 75	8006107-1	C	COIL, RF	1	
- 76	RCR07G104JR	C	RESISTOR	1	
- 77	8006109G1	C	SHIELD ASSEMBLY, RF	1	
- 78	8004602G1	C	PRINTED WIRING BOARD	1	
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	17	
	8004602-1	D	PRINTED WIRING BOARD	1	
- 79	RG188AU	B	CABLE, RF	AR	
- 80	8004816G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 81	8004750-1	C	LUG, MOUNTING	2	
	MS16535-133	C	ATTACHING PARTS RIVET	8	
- 82	505127-43	C	STANDOFF, THREADED	5	
- 83	8004816-1	C	CHASSIS	1	

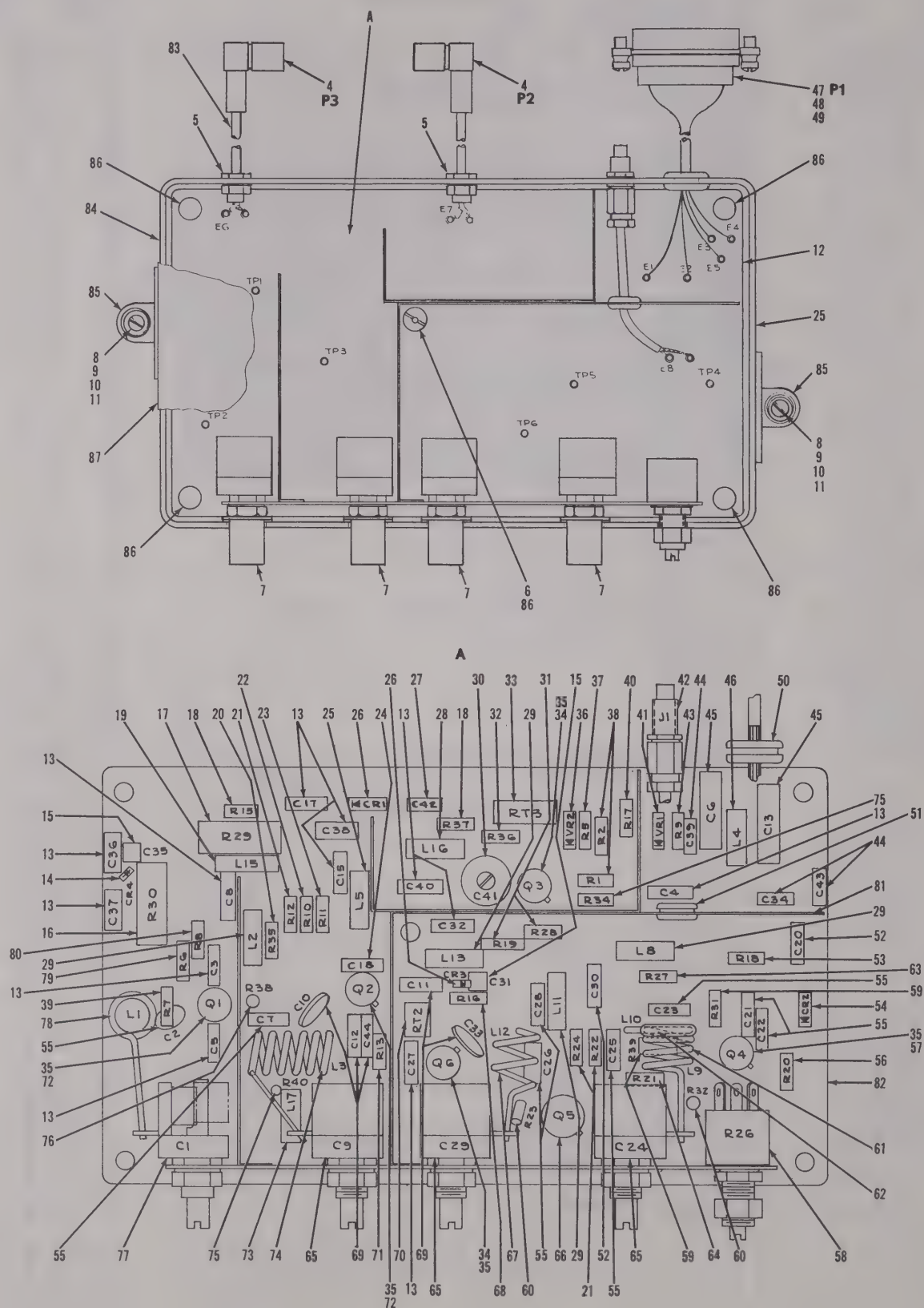


Figure 10. Mixer/Multiplier, VHF, 1A2



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E X	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
10 -	8004241G2	A	MIXER-MULTIPLIER, VHF /SEE FIGURE 2 FOR NHA/ REPLACES AND IS INTERCHANGEABLE WITH 8004241G1 /USED IN LATER CONFIGURATIONS/	REF	B
	8004823G1	B	COVER, TOP, MIXER-MULTIPLIER, VHF	1	
	MS35190-221	B	ATTACHING PARTS SCREW	1	
			-----		
- 1	8004823-3	C	SEAL, RFI	1	
- 2	8004823-2	C	SEAL, RFI	1	
- 3	8004823-1	C	COVER	1	
- 4	UG1466U	B	CONNECTOR	2	
- 5	8004961-1	B	SHIELD, RETAINER	2	
			ATTACHING PARTS		
	MS25082-12	B	NUT	2	
	MS35333-39	B	WASHER	2	
			-----		
- 6	8004824-1	B	STANDOFF, THREADED	1	
			ATTACHING PARTS		
	MS35333-36	B	WASHER	1	
			-----		
- 7	500116-1	B	ADAPTER, SHAFT	4	
- 8	MS35206-252	B	SCREW /USED IN EARLY CONFIGURATIONS/	2	
	MS35206-251	B	SCREW /USED IN LATER CONFIGURATIONS/	2	
- 9	MS27183-7	B	WASHER	2	
- 10	MS35338-42	B	WASHER	2	
- 11	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
- 12	8006777G1	B	CIRCUIT CARD ASSEMBLY, MIXER-MULTIPLIER, VHF	1	
			ATTACHING PARTS		
	MS35206-214	B	SCREW	4	
	MS27183-4	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			-----		
- 13	CK604W102M	C	CAPACITOR /ALTERNATE PART 501240-58/	12	
- 14	511769-1	C	SEMICONDUCTOR DEVICE, DIODE, PIN TYPE	1	
- 15	501365-25	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC, WAFER CHIP, LEADLESS	2	
- 16	PN65D1910F	C	RESISTOR	1	
- 17	RN65D3740F	C	RESISTOR	1	
- 18	RCR07G102JR	C	RESISTOR	2	
- 19	MS75008-40	C	COIL	1	
- 20	RCR07G334JR	C	RESISTOR	1	
- 21	RCR07G203JR	C	RESISTOR	3	
- 22	RCR07G153JR	C	RESISTOR	1	
- 23	RCR07G154JR	C	RESISTOR	1	
- 24	CM05ED330J03	C	CAPACITOR	1	
- 25	MS75008-44	C	COIL	1	
- 26	511785-2	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER	2	
- 27	CM05FD331J03	C	CAPACITOR	1	
- 28	MS75008-30	C	COIL	1	
- 29	MS75008-32	C	COIL /L2 WAS MS75008-44 IN EARLY CONFIGURATIONS/	4	
	MS75008-44	C	COIL /L2-USED IN EARLY CONFIGURATIONS/	1	
- 30	501174-102	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC, MINATURE	1	
- 31	RCR07G103JR	C	RESISTOR	2	
- 32	RCR07G300JR	C	RESISTOR	1	
- 33	509413-2	C	RESISTOR, THERMAL	1	
- 34	JAN2N2222A	C	TRANSISTOR	2	
- 35	507253-12	C	MOUNTING PAD, TRANSISTOR	5	
- 36	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 37	RCR07G133JR	C	RESISTOR	1	
- 38	RCR07G562JR	C	RESISTOR	2	
- 39	RCR07G391JR	C	RESISTOR	1	
- 40	RCR07G472JR	C	RESISTOR	1	
- 41	JAN1N746A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 42	UG1468U	C	CONNECTOR /USED IN EARLY CONFIGURATIONS/	1	
	M39012-76-0002	C	CONNECTOR /USED IN LATER CONFIGURATIONS/	1	
	RG188AU	C	CABLE, RF	AR	
- 43	RCR07G302JR	C	RESISTOR	1	
- 44	CK06BX103K	C	CAPACITOR	3	
- 45	CK63AW103M	C	CAPACITOR /ALTERNATE PART 501240-85/	2	
- 46	MS75053-1	C	COIL	1	
- 47	502056-102	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 48	502056-401	C	CONTACT, ELECTRICAL	5	
- 49	502056-309	C	RETAINER, ELECTRICAL CONNECTOR /USED IN EARLY CONFIGURATIONS/	2	
	502056-301	C	RETAINER, ELECTRICAL CONNECTOR /USED IN LATER CONFIGURATIONS/	2	
- 50	MS35489-4	C	GROMMET	1	
- 51	MS35489-1	C	GROMMET	1	
- 52	CK61AW222M	C	CAPACITOR /ALTERNATE PART 501240-86/	2	
- 53	RCR07G682JR	C	RESISTOR	1	
- 54	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 55	CK60AX471K	C	CAPACITOR /ALTERNATE PART 501240-43/	8	
- 56	RCR07G151JR	C	RESISTOR	1	
- 57	511782-1	C	TRANSISTOR, NPN, RF AMPLIFIER	1	
- 58	RV6LAYSAL03A	C	RESISTOR	1	
- 59	RCR07G101JR	C	RESISTOR	2	
- 60	RCR07G180JR	C	RESISTOR	2	
- 61	8004830-1	C	COIL, RF	1	
- 62	8004827-1	C	COIL, RF	1	

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E X	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
10- 63	RCR07G511JR	C	RESISTOR	1	
- 64	RCR07G271JR	C	RESISTOR	1	
- 65	501185-8	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	3	
	MS35333-74	C	ATTACHING PARTS WASHER	3	
			-----*		
- 66	511800-1	C	TRANSISTOR, NPN, POWER AMPLIFIER, RF	1	
- 67	8004829-1	C	COIL, RF	1	
- 68	RCR07G222JR	C	RESISTOR	1	
- 69	CK60BX101K	C	CAPACITOR /ALTERNATE PART 501240-31/	5	
- 70	509413-1	C	RESISTOR, THERMAL	1	
- 71	RCR07G301JR	C	RESISTOR	1	
- 72	515346-2	C	TRANSISTOR, FET, N CHANNEL	2	
- 73	MS75008-28	C	COIL	1	
- 74	8006106-1	C	COIL, RF	1	
- 75	RCR07G681JR	C	RESISTOR /R34 WAS RCR07G391JR IN EARLY CONFIGURATIONS/	2	
	RCR07G391JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
- 76	RCR07G300JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
	RCR07G100JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
	RCR07G200JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
	RCR07G390JR	C	RESISTOR /VALUE SELECTED AT TEST, TAILOR POINT/	1	
- 77	501185-9	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	1	
	MS35333-74	C	ATTACHING PARTS WASHER	1	
			-----*		
- 78	8006107-1	C	COIL, RF	1	
- 79	RCR07G104JR	C	RESISTOR	1	
- 80	RCR07G684JR	C	RESISTOR	1	
- 81	8006109G1	C	SHIELD ASSEMBLY, RF	1	
- 82	8006776G1	C	PRINTED WIRING BOARD	1	
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	17	
	8006776-1	D	PRINTED WIRING BOARD	1	
- 83	RG188AU	B	CABLE, RF	AR	
- 84	8004816G2	B	CHASSIS, ELECTRICAL, EQUIPMENT	1	
- 85	8004750-1	C	LUG, MOUNTING	2	
			ATTACHING PARTS		
	MS16535-133	C	RIVET	8	
			-----*		
- 86	505127-43	C	STANDOFF, THREADED	5	
- 87	8004816-5	C	CHASSIS	1	
11-	8004290G1	A	OSCILLATOR, CRYSTAL CONTROLLED /SEE FIGURE 2 FOR NHA/ USED IN EARLY CONFIGURATIONS, REPLACED BY 8004290G2 IN LATER CONFIGURATIONS/	REF	
- 1	8004398-1	B	COVER, CHASSIS, OUTER	2	
- 2	8004514-1	B	INSULATION, OSCILLATOR OVEN, TOP	1	
- 3	8004515-1	B	INSULATION, OSCILLATOR OVEN, BOTTOM	1	
- 4	8004400-1	B	RETAINER, CRYSTAL HOLDER	2	
			ATTACHING PARTS		
	MS35190-223	B	SCREW	2	
			-----*		
	8004406G1	B	HOLDER, CRYSTAL UNIT	1	
- 5	8004500-1	C	HOLDER, CRYSTAL	1	
			ATTACHING PARTS		
	511333-7	C	SCREW, MACHINE, BINDER HEAD, NYLON, MOLDED	2	
			-----*		
- 6	8004406-4	C	RUBBER	1	
- 7	8004715-1	C	PLATE, BACKING, HOLDER, CRYSTAL	1	
- 8	8004498-1	C	PLUG, INSULATION	1	
- 9	8004499-1	C	KNOB, CRYSTAL HOLDER	1	
- 10	504856-1	B	EXTENSION, SHAFT	2	
- 11	M39012-21-0001	B	CONNECTOR	1	
			ATTACHING PARTS		
	8105252-1	B	WASHER, FLAT	1	
	8105252-9	B	WASHER, FLAT /USED IN LATER CONFIGURATIONS/	1	
			-----*		
- 12	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
- 13	502056-101	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 14	502056-401	B	CONTACT, ELECTRICAL	6	
- 15	UG1465U	B	CONNECTOR	1	
- 16	MS35489-4	B	GROMMET	1	
- 17	MS35206-252	B	SCREW	4	
- 18	NAS620-8	B	WASHER	4	
- 19	MS35338-42	B	WASHER	4	
- 20	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	4	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	4	
	8004698G1	B	OSCILLATOR, CRYSTAL CONTROLLED	1	
			ATTACHING PARTS		
	MS35206-213	B	SCREW	1	
	MS35338-40	B	WASHER	1	
	MS35649-242	B	NUT	1	
			-----*		



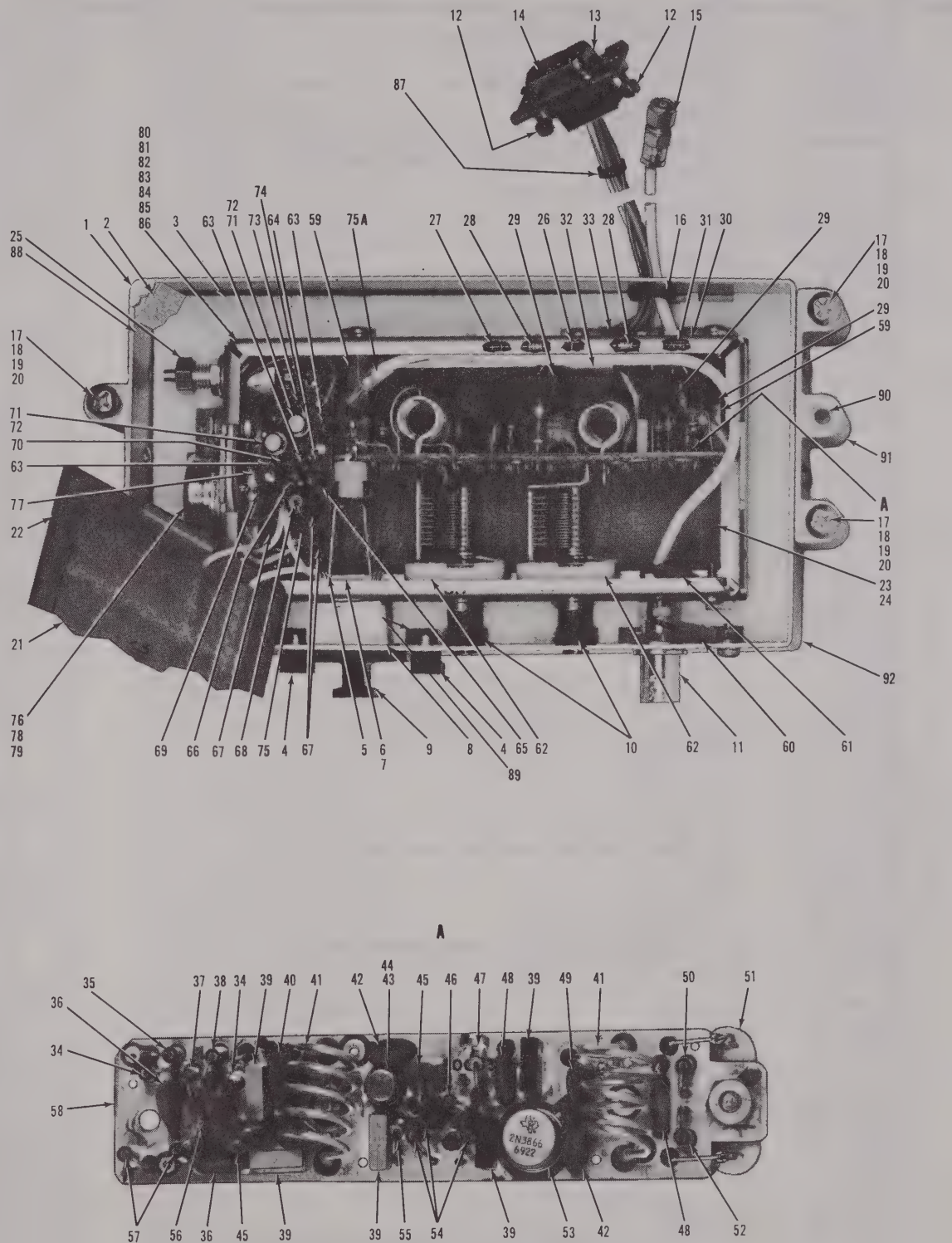


Figure 11. Oscillator, Crystal Controlled, 1A1

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
11- 21	8004395G1	C	COVER ASSEMBLY, CHASSIS	1	
	506435-1	D	HEATING ELEMENT, ELECTRICAL	1	
	- 22 8004395-1	D	COVER, CHASSIS	1	
	8004395G2	C	COVER ASSEMBLY, CHASSIS	1	
	- 23 506435-1	D	HEATING ELEMENT, ELECTRICAL	1	
	- 24 8004395-1	D	COVER, CHASSIS	1	
	- 25 RV6LAYSA102A	C	RESISTOR	1	
			ATTACHING PARTS		
	AN960C416L	C	WASHER	1	
			---*---		
- 26	514267-1	C	TERMINAL LUG	1	
			ATTACHING PARTS		
	MS35206-213	C	SCREW	1	
	MS35649-242	C	NUT	1	
- 27			---*---		
	RCR07G514JR	C	RESISTOR	1	
	- 28 512134-1	C	SHIELD, RFI, BEAD TYPE	2	
	- 29 CK06BX103K	C	CAPACITOR	3	
	- 30 8004961-1	C	SHIELD, RETAINER	1	
			ATTACHING PARTS		
	MS25082-12	C	NUT	1	
	MS77068-4	C	TERMINAL	1	
			---*---		
	RCR07G330JR	C	RESISTOR	1	
- 31	M39003-01-2306	C	CAPACITOR	1	
	- 32 MS35489-4	C	GROMMET	1	
	- 33 8004349G1	C	CIRCUIT CARD ASSEMBLY, LOCAL OSCILLATOR	1	
			ATTACHING PARTS		
	MS35206-213	C	SCREW	1	
	MS35206-216	C	SCREW	1	
	MS27183-3	C	WASHER	2	
	MS35338-40	C	WASHER	2	
			---*---		
	RCR07G301JR	D	RESISTOR	2	
- 34	RCR07G180JR	D	RESISTOR	1	
- 35	CK60AW102M	D	CAPACITOR	2	
- 36	JANIN914	U	SEMICONDUCTOR DEVICE, DIODE	1	
- 37	RCR07G121JR	D	RESISTOR	1	
- 38	CK06BX103K	D	CAPACITOR	5	
- 39	CK60BX101K	D	CAPACITOR	1	
- 40	8004343-1	D	COIL, RF	2	
- 41	CK60BX2R2K	D	CAPACITOR	2	
- 42	JAN2N918	D	TRANSISTOR /USED IN EARLY CONFIGURATIONS/	1	
- 43	515341-1	D	TRANSISTOR, NPN, SILICON /USED IN LATER CONFIGURATIONS/	1	
- 44	507253-12	D	MOUNTING PAD, TRANSISTOR	1	
- 45	MS75008-37	D	COIL	2	
- 46	RCR07G393JR	D	RESISTOR	1	
- 47	RCR07G102JR	D	RESISTOR	1	
- 48	CK60BX680M	D	CAPACITOR	2	
- 49	CK60AX471K	D	CAPACITOR	1	
- 50	RCR07G750JR	D	RESISTOR	1	
- 51	512396-1	D	SOCKET, CRYSTAL	1	
- 52	RCR07G620JR	D	RESISTOR	1	
- 53	511800-1	D	TRANSISTOR, NPN, POWER AMPLIFIER, RF	1	
- 54	RCR07G203JR	D	RESISTOR	3	
- 55	RCR07G821JR	D	RESISTOR	1	
- 56	MS75008-32	D	COIL	1	
- 57	RCR07G303JR	D	RESISTOR	2	
- 58	8004312G1	D	PRINTED WIRING BOARD	1	
	514266-104	E	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	2	
	8004312-1	E	PRINTED WIRING BOARD	1	
- 59	8004396-1	C	BAR, SPACER, THREADED	2	
			ATTACHING PARTS		
	MS35206-213	C	SCREW	2	
	MS27183-3	C	WASHER	2	
	MS35338-40	C	WASHER	2	
- 60			---*---		
	514271-5	C	TERMINAL, LUG, CRIMP TYPE	1	
	- 61 514271-5	C	TERMINAL, LUG, CRIMP TYPE	1	
			ATTACHING PARTS		
	MS35206-214	C	SCREW	1	
	MS35338-40	C	WASHER	1	
	MS35649-242	C	NUT	1	
			---*---		
	501185-4	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	2	
			ATTACHING PARTS		
- 62	8006103-1	C	SCREW, MACHINE	4	
	MS35338-40	C	WASHER	4	
			---*---		
	8004339G1	C	CIRCUIT CARD ASSEMBLY, OVEN CONTROL	1	
			ATTACHING PARTS		
	MS35206-214	C	SCREW	2	
	MS27183-3	C	WASHER	2	
			---*---		



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
11- 63	RCR07G102JR	D	RESISTOR	3	
- 64	RCR07G122JR	D	RESISTOR	1	
- 65	RCR20G302JR	D	RESISTOR	1	
- 66	RCR07G433JR	D	RESISTOR	1	
- 67	509413-1	D	RESISTOR, THERMAL	3	
- 68	RCR20G392JR	D	RESISTOR	1	
- 69	JAN1N753A	D	SEMICONDUCTOR DEVICE, DIODE	1	
- 70	JAN1N756A	D	SEMICONDUCTOR DEVICE, DIODE	1	
- 71	JAN2N2222A	D	TRANSISTOR /REPLACE Q5 WITH JAN2N912 WHEN FAILURE OCCURS/	2	
	JAN2N912	D	TRANSISTOR /REPLACEMENT FOR Q5-JAN2N2222A/	1	
- 72	507253-12	D	MOUNTING PAD, TRANSISTOR	2	
- 73	RCR07G300JR	D	RESISTOR	1	
- 74	RCR07G101JR	D	RESISTOR	1	
- 75	8004341G1	D	PRINTED WIRING BOARD	1	
	514266-302	E	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	6	
	8004341-1	E	PRINTED WIRING BOARD	1	
- 75A	RG188AU	C	CABLE, RF	AR	
- 76	511793-1	C	TRANSISTOR, NPN, SILICON	1	
			ATTACHING PARTS		
	MS35206-229	C	SCREW	2	
	MS27183-5	C	WASHER	2	
	MS35338-41	C	WASHER	2	
	MS25082-1	C	NUT	2	
			-----*		
- 77	8102535-2	C	TERMINAL, LUG, LOCKING	1	
- 78	507292-6	C	WASHER, SHOULDERED	2	
- 79	507292-1	C	MOUNTING PAD, ELECTRONIC COMPONENT	1	
	8004392G1	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 80	8004393-1	D	BRACKET, FRONT	2	
- 81	514264-601	D	TERMINAL, STUD, INSULATED	6	
- 82	508570-1	D	NUT, CAPTIVE	2	
- 83	8004497-1	D	FINGERS, SPRING	2	
- 84	5339-08903-3	D	EYELET	4	
- 85	5339-08904-3	D	EYELET	6	
- 86	8004392-1	D	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 87	MS3367-4-9	B	STRAP	2	
- 88	8004397G1	B	CHASSIS, ELECTRICAL EQUIPMENT, OUTER	1	
- 89	508566-1	C	NUT, SELF-LOCKING	2	
	8004578G1	C	BRACKET, MOUNTING	2	
			ATTACHING PARTS		
	MS16535-133	C	RIVET	8	
			-----*		
- 90	MS21208C0820	D	INSERT	1	
- 91	8004578-1	D	BRACKET	1	
- 92	8004397-1	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
12-	8004290G2	A	OSCILLATOR, CRYSTAL CONTROLLED /SEE FIGURE 2 FOR NHA/ REPLACES AND IS INTERCHANGEABLE WITH 8004290G1/USED IN LATER CONFIGURATIONS/	REF	
- 1	8004398-1	B	COVER, CHASSIS	2	
- 2	8004514-1	B	INSULATION, TOP	1	
- 3	8004515-1	B	INSULATION, BOTTOM	1	
- 4	8004400-1	B	RETAINER, CRYSTAL HOLDER	2	
			ATTACHING PARTS		
	MS35190-223	B	SCREW	2	
			-----*		
	8004406G1	B	HOLDER, CRYSTAL UNIT	1	
- 5	8004406-4	C	RUBBER STRIP	1	
- 6	8004500-1	C	HOLDER, CRYSTAL	1	
			ATTACHING PARTS		
	511333-7	C	SCREW, BINDER HEAD, NYLON, MOLDED	2	
			-----*		
- 7	8004715-1	C	PLATE, BACKING, HOLDER, CRYSTAL	1	
- 8	8004498-1	C	PLUG, INSULATION	1	
- 9	8004499-1	C	KNOB, CRYSTAL HOLDER	1	
- 10	504856-1	B	EXTENSION, SHAFT	2	
- 11	M39012-21-0001	B	CONNECTOR	1	
			ATTACHING PARTS		
	8105252-1	B	WASHER, FLAT	1	
	8105252-9	B	WASHER, FLAT /ADDED IN LATER CONFIGURATIONS/	1	
			-----*		
- 12	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
- 13	502056-101	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 14	502056-401	B	CONTACT, ELECTRICAL	6	
- 15	UG1465U	B	CONNECTOR	1	
- 16	MS35489-4	B	GROMMET	1	
- 17	MS35206-252	B	SCREW	4	
- 18	NAS620-8	B	WASHER	4	
- 19	MS35338-42	B	WASHER	4	
- 20	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	4	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	4	
	8004698G2	B	OSCILLATOR ASSEMBLY, CRYSTAL CONTROLLED	1	
			ATTACHING PARTS		
	MS35206-213	B	SCREW	1	
	MS35338-40	B	WASHER	1	
	MS35649-242	B	NUT	1	
			-----*		

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E X	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
12- 21	8004395G1	C	COVER, CHASSIS	1	
- 22	506435-1	D	HEATING ELEMENT, ELECTRICAL	1	
	8004395-1	D	COVER	1	
- 23	8004395G2	C	COVER, CHASSIS	1	
	506435-1	D	HEATING ELEMENT, ELECTRICAL	1	
- 24	8004395-1	D	COVER	1	
- 25	RV6LAYSA102A	C	RESISTOR	1	
			ATTACHING PARTS		
	AN960C416L	C	WASHER	1	
			---*---		
- 26	RCR07G514JR	C	RESISTOR	1	
- 27	512134-1	C	SHIELD, RF INTERFERENCE, BEAD TYPE	2	
- 28	CK068X103K	C	CAPACITOR	3	
- 29	514267-1	C	TERMINAL, LUG TYPE	1	
			ATTACHING PARTS		
	MS35206-213	C	SCREW	1	
	MS35649-242	C	NUT	1	
			---*---		
- 30	M39003-01-2306	C	CAPACITOR	1	
- 31	MS35489-4	C	GROMMET	1	
- 32	8004961-1	C	SHIELD, RETAINER	1	
			ATTACHING PARTS		
	MS25082-12	C	NUT	1	
	MS77068-4	C	TERMINAL	1	
			---*---		
- 33	RCR07G330JR	C	RESISTOR	1	
	8006789G1	C	OSCILLATOR, CRYSTAL	1	
			ATTACHING PARTS		
- 34	MS35206-213	C	SCREW	1	
- 35	MS35206-217	C	SCREW	1	
	MS27183-3	C	WASHER	2	
	MS35338-40	C	WASHER	2	
			---*---		
- 36	RCR07G911JR	D	RESISTOR /R9 AND R11 IN EARLIEST CONFIGURATIONS, R11 CHANGED AND R9 DELETED IN LATER CONFIGURATIONS/	2	
	RCR07G301JR	D	RESISTOR /R11 USED IN EARLY CONFIGURATIONS/	1	
	RCR07G820JR	D	RESISTOR /R11 USED IN LATER CONFIGURATIONS/	1	
- 37	RCR07G5R6JR	D	RESISTOR /USED IN EARLIEST CONFIGURATIONS/	1	
	RCR07G9R1JR	D	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G150JR	D	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 38	CK60AW102M	D	CAPACITOR /ALTERNATE PART 501240-58/	2	
- 39	JAN1N914	D	SEMICONDUCTOR DEVICE, DIODE	1	
- 40	RCR07G121JR	D	RESISTOR	1	
- 41	CK068X103K	D	CAPACITOR	5	
- 42	CK608X101M	D	CAPACITOR /C7 USED IN EARLY CONFIGURATIONS/	1	
	CK608X101K	D	CAPACITOR /C7 ADDED IN LATER CONFIGURATIONS, ALTERNATE PART 501240-31/	2	
- 43	8004343-1	D	COIL, RF	2	
- 44	CK608X2R2K	D	CAPACITOR /ALTERNATE PART 501240-1/	1	
- 45	515351-1	D	TRANSISTOR, NPN, SILICON, RF, SMALL SIGNAL	2	
- 46	507253-12	D	INSULATOR, STANDOFF, TRANSISTOR	2	
- 47	MS75008-37	D	COIL, RF	2	
- 48	RCR07G393JR	D	RESISTOR	1	
- 49	RCR07G102JR	D	RESISTOR	1	
- 50	CK058XB20K	D	CAPACITOR	1	
- 51	CK60AX471K	D	CAPACITOR /ALTERNATE PART 501240-43/	1	
- 52	RCR07G750JR	D	RESISTOR	1	
- 53	512396-1	D	SOCKET, CRYSTAL	1	
- 54	RCR07G620JR	D	RESISTOR	1	
- 55	RCR07G203JR	D	RESISTOR	3	
- 56	RCR07G511JR	D	RESISTOR	1	
- 57	MS75008-32	D	COIL, RF	1	
- 58	RCR07G303JR	D	RESISTOR	1	
- 59	CK608X220K	D	CAPACITOR /USED IN EARLY CONFIGURATIONS/	1	
	CK61AW222M	D	CAPACITOR /USED IN LATER CONFIGURATIONS, ALTERNATE PART 501240-88/	1	
- 60	RCR07G390JR	D	RESISTOR	1	
- 61	RCR07G303JR	D	RESISTOR /USED IN EARLIEST CONFIGURATIONS/	1	
	RCR07G243JR	D	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G393JR	D	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 62	CK608X6R8K	D	CAPACITOR /ALTERNATE PART 501240-10/	1	
- 63	8006790G1	D	PRINTED WIRING BOARD	1	
	514266-104	E	TERMINAL, STUD, UNINSULATED	2	
	514266-302	E	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	1	
	8006790-1	E	PRINTED WIRING BOARD	1	
- 64	506365-1	C	GUIDE, CRYSTAL	1	
- 65	8004396-1	C	BAR, SPACER, THREADED	2	
			ATTACHING PARTS		
	MS35206-213	C	SCREW	2	
	MS27183-3	C	WASHER	2	
	MS35338-40	C	WASHER	2	
			---*---		
- 66	514271-5	C	TERMINAL LUG	1	
			ATTACHING PARTS		
	MS35206-214	C	SCREW	1	
	MS35338-40	C	WASHER	1	
	MS35649-242	C	NUT	1	
			---*---		



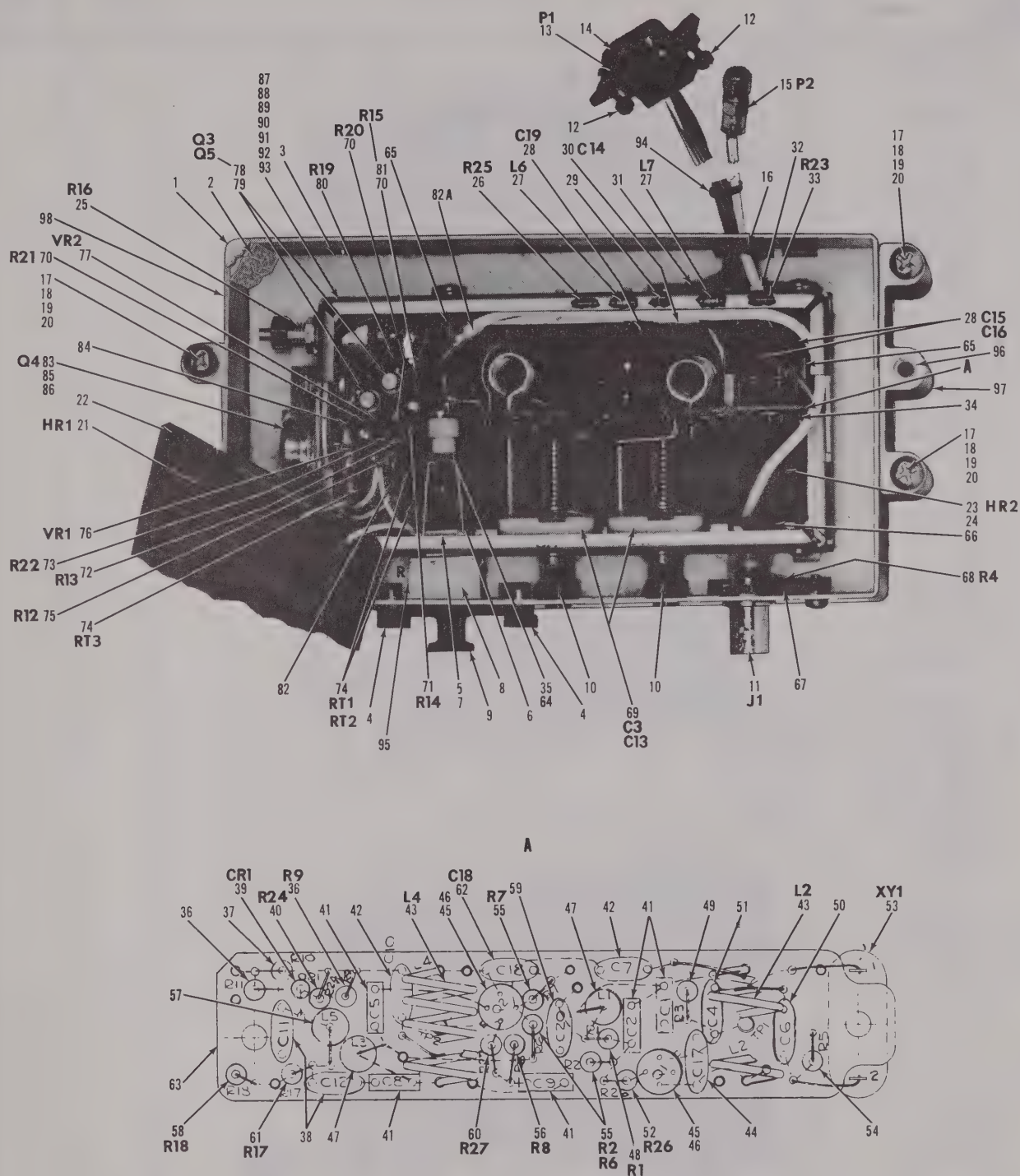


Figure 12. Oscillator, Crystal Controlled, 1A1

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
12 - 67	514271-5	C	TERMINAL LUG	1	
- 68	RCR07G750JS	C	RESISTOR	1	
- 69	501185-4	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	2	
			ATTACHING PARTS		
	8006103-1	C	SCREW, MACHINE	4	
	MS35338-40	C	WASHER	4	
			-----		
	8004339G1	C	CIRCUIT CARD ASSEMBLY, OVEN CONTROL	1	
			ATTACHING PARTS		
	MS35206-214	C	SCREW	2	
	MS27183-3	C	WASHER	2	
			-----		
- 70	RCR07G102JR	D	RESISTOR /R15 REPLACED BY RCR07G101JR IN LATER CONFIGURATIONS/ SEE INDEX 81	3	
- 71	RCR07G621JR	D	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G122JR	D	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 72	RCR20G302JR	D	RESISTOR	1	
- 73	RCR07G433JR	D	RESISTOR	1	
- 74	509413-1	D	RESISTOR, THERMAL	3	
- 75	RCR20G392JR	D	RESISTOR	1	
- 76	JAN1N753A	D	SEMICONDUCTOR DEVICE, DIODE	1	
- 77	JAN1N756A	D	SEMICONDUCTOR DEVICE, DIODE	1	
- 78	JAN2N222A	D	TRANSISTOR /Q5 REPLACED BY JAN2N912 IN LATER CONFIGURATIONS/	2	
	JAN2N912	D	TRANSISTOR /REPLACES JAN2N222A, Q5, IN LATER CONFIGURATIONS/	1	
- 79	507253-12	D	INSULATOR, STANDOFF, TRANSISTOR	2	
- 80	RCR07G300JR	D	RESISTOR	1	
- 81	RCR07G101JR	D	RESISTOR /R15 USED IN LATER CONFIGURATIONS, SEE INDEX 70 FOR EARLY CONFIGURATION USAGE/	1	
- 82	8004341G1	D	PRINTED WIRING BOARD	1	
	514266-302	E	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	6	
	8004341-1	E	PRINTED WIRING BOARD	1	
- 82A	RG188AU	C	CABLE, RF	AR	
- 83	511793-1	C	TRANSISTOR, NPN, SILICON	1	
			ATTACHING PARTS		
	MS35206-229	C	SCREW	2	
- 84	8102535-2	C	LUG, TERMINAL, LOCKING	1	
	MS27183-5	C	WASHER	2	
- 85	507292-6	C	WASHER, SHOULDERED	2	
- 86	507292-1	C	MOUNTING PAD, ELECTRONIC	1	
	MS35338-41	C	WASHER	2	
	MS25082-1	C	NUT	2	
			-----		
- 87	8004392G1	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 88	8004393-1	D	BRACKET, FRONT	2	
- 88	514264-601	D	TERMINAL, STUD, INSULATED	6	
- 89	508570-1	D	NUT, CAPTIVE	2	
- 90	8004497-1	D	FINGERS, SPRING	2	
- 91	5339-08903-3	D	EYELET	4	
- 92	5339-08904-3	D	EYELET	6	
- 93	8004392-9	D	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 94	MS3367-4-9	B	STRAP	2	
	8004397G2	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 95	508566-1	C	NUT, SELF-LOCKING	2	
	8004578G1	C	BRACKET, MOUNTING	2	
			ATTACHING PARTS		
	MS16535-133	C	RIVET	8	
			-----		
- 96	MS21208C0820	D	INSERT	1	
- 97	8004578-1	D	BRACKET	1	
- 98	8004397-5	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
13 -	8009306G1	A	DIGI CHANNEL, MODEL 3503 OSCILLATOR/SYNTHESIZER /SEE FIGURE 2 FOR NHA/ OPTIONAL MODULE FOR ALL CRYSTAL CONTROLLED OSCILLATORS, PART NUMBERS 8004290G1 AND 8004290G2 AS APPLICABLE	1	
- 1	8008630-1	B	COVER, TOP	1	
			ATTACHING PARTS		
	511337-3	B	SCREW, SELF-LOCKING	9	
			-----		
- 2	8008631-1	B	COVER, BOTTOM	1	
			ATTACHING PARTS		
	511337-3	B	SCREW, SELF-LOCKING	9	
			-----		
- 3	514289-1	B	TERMINAL, FEED-THRU, GROUNDING	1	
			ATTACHING PARTS		
	MS35649-224	B	NUT	1	
	MS35333-69	B	WASHER	1	
			-----		
- 4	501175-2	B	FILTER, EMI, LOWPASS, FEED-THRU	6	
			ATTACHING PARTS		
	8102535-3	B	TERMINAL LUG, LOCKING	1	
			-----		



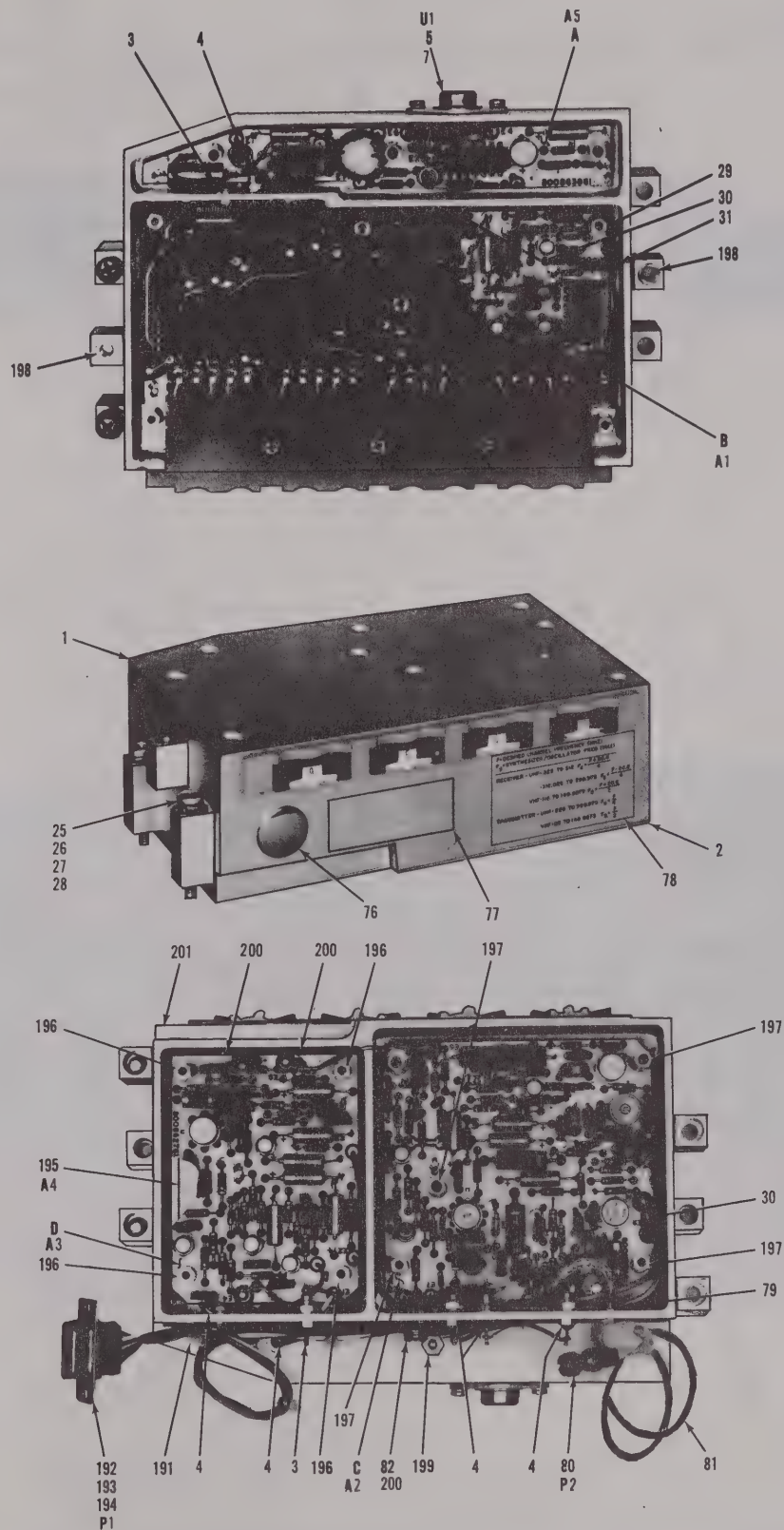


Figure 13. DIGI CHANNEL, Model 3503, Oscillator/Synthesizer, 1A1 (Sheet 1 of 4)

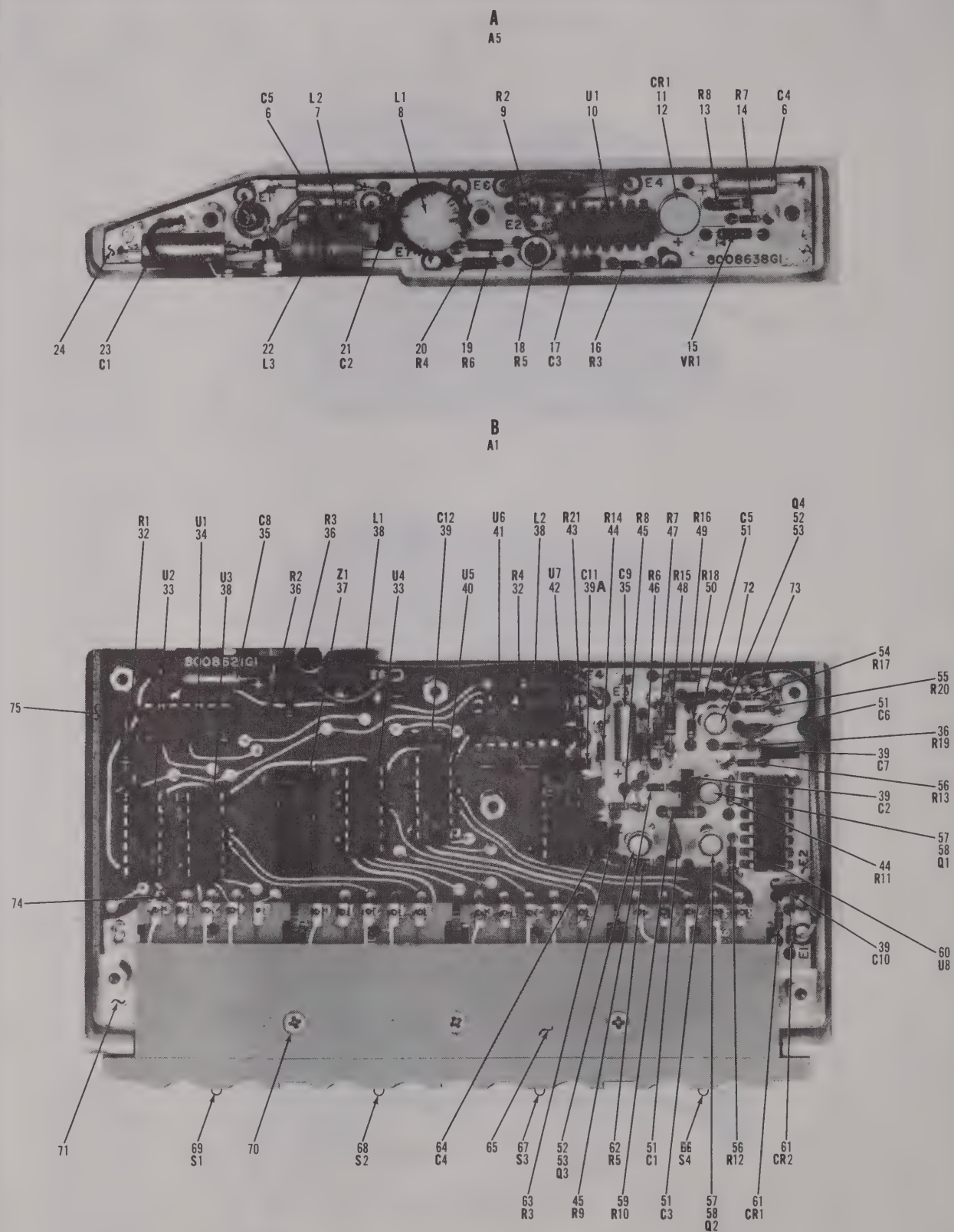


Figure 13. DIGI CHANNEL, Model 3503, Oscillator/Synthesizer, 1A1 (Sheet 2 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
13 - 5	507384-1	B	INTEGRATED CIRCUIT, SWITCHING REGULATOR ATTACHING PARTS	1	
	MS51957-14	B	SCREW	2	
	MS35338-135	B	WASHER	2	
	8008638G1	B	----- CIRCUIT CARD ASSEMBLY, SWITCHING REGULATOR ATTACHING PARTS	1	
	8008632-3	B	SCREW, SPECIAL	3	
- 6	501236-1	C	----- CAPACITOR, FIXED, ELECTROLYTIC	2	
- 7	MS75008-40	C	COIL, RF	1	
- 8	8008593G1	C	COIL, RF	1	
- 9	RCR05G105JS	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR05G135JS	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 10	507386-1	C	INTEGRATED CIRCUIT, VOLTAGE REGULATOR	1	
- 11	JAN2N2323	C	RECTIFIER, SILICON CONTROLLED /USED IN EARLY CONFIGURATIONS/	1	
- 12	507253-1	C	INSULATOR, STANDOFF, TRANSISTOR /USED IN EARLY CONFIGURATIONS/	1	
- 13	RCR05G102JS	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
- 14	RCR05G200JS	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
- 15	JAN1N755A	C	SEMICONDUCTOR DEVICE, DIODE /USED IN EARLY CONFIGURATIONS/	1	
- 16	RCR05G100JS	C	RESISTOR	1	
- 17	CK068X104K	C	CAPACITOR	1	
- 18	RJ50CP202	C	RESISTOR, VARIABLE	1	
- 19	RN5503011F	C	RESISTOR	1	
- 20	RN5508251F	C	RESISTOR	1	
- 21	CK068X105K	C	CAPACITOR	1	
- 22	MS75053-4	C	INDUCTOR	1	
- 23	M39003-01-2370	C	CAPACITOR	1	
- 24	8008639-1	C	PRINTED WIRING BOARD	1	
- 25	MS51957-127	B	SCREW	4	
- 26	MS35338-42	B	WASHER	4	
- 27	NAS620C8	B	WASHER	4	
- 28	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	4	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	4	
- 29	413710-12	B	CABLE, COAXITUBE	AR	
- 30	514260-4	B	TERMINAL, LUG	2	
	MS51957-2	B	ATTACHING PARTS SCREW	2	
	MS35338-134	B	WASHER	2	
- 31	RG1788U	B	----- CABLE, RF	AR	
	8008621G1	B	CIRCUIT CARD ASSEMBLY, DIVIDER/CONTROL ATTACHING PARTS	1	
	8008632-3	B	SCREW, SPECIAL	4	
	8008632-4	B	SCREW, SPECIAL	2	
	8009325-1	B	CLIP, GROUNDING	2	
- 32	RCR07G201JS	C	----- RESISTOR	2	
- 33	507380-1	C	INTEGRATED CIRCUIT, HIGH SPEED COUNTER	3	
- 34	507379-1	C	INTEGRATED CIRCUIT, POSITIVE AND GATE	1	
- 35	M39003-01-2259	C	CAPACITOR	2	
- 36	RCR05G201JS	C	RESISTOR	3	
- 37	509435-1	C	RESISTOR NETWORK, FIXED	1	
- 38	MS75008-40	C	COIL, RF	2	
- 39	CK068X103K	C	CAPACITOR	4	
- 39A	CK068X103K	C	CAPACITOR /C11 USED IN EARLY CONFIGURATIONS/	1	
	CK068X105K	C	CAPACITOR /C11 USED IN LATER CONFIGURATIONS/	1	
- 40	507381-1	C	INTEGRATED CIRCUIT, HIGH SPEED COUNTER	1	
- 41	507382-1	C	INTEGRATED CIRCUIT, EDGE TRIGGERED J-K FLIP-FLOP	1	
- 42	507378-1	C	INTEGRATED CIRCUIT, LOGIC NAND GATE	1	
- 43	RCR05G470JS	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR05G100JS	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 44	RCR05G471JS	C	RESISTOR	2	
- 45	RCR05G151JS	C	RESISTOR	2	
- 46	RCR07G102JS	C	RESISTOR	1	
- 47	RCR07G302JS	C	RESISTOR	1	
- 48	RCR07G220JS	C	RESISTOR	1	
- 49	RCR07G330JS	C	RESISTOR	1	
- 50	RCR05G182JS	C	RESISTOR	1	
- 51	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	4	
- 52	JAN2N2857	C	TRANSISTOR	2	
- 53	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	2	
- 54	RCR05G222JS	C	RESISTOR	1	
- 55	RCR05G221JS	C	RESISTOR	1	
- 56	RCR05G102JS	C	RESISTOR	2	
- 57	515385-1	C	TRANSISTOR, PNP, SILICON, SWITCHING	2	
- 58	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	2	
- 59	RCR05G301JS	C	RESISTOR	1	
- 60	507377-2	C	INTEGRATED CIRCUIT, DUAL MASTER-SLAVED FLIP-FLOP	1	
- 61	JAN1N4148	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 62	RCR05G271JS	C	RESISTOR	1	
- 63	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOTCARRIER /USED IN EARLY CONFIGURATIONS/	1	
	511785-4	C	SEMICONDUCTOR DEVICE, DIODE, HOT CARRIER /USED IN LATER CONFIGURATIONS/	1	

C  
A2

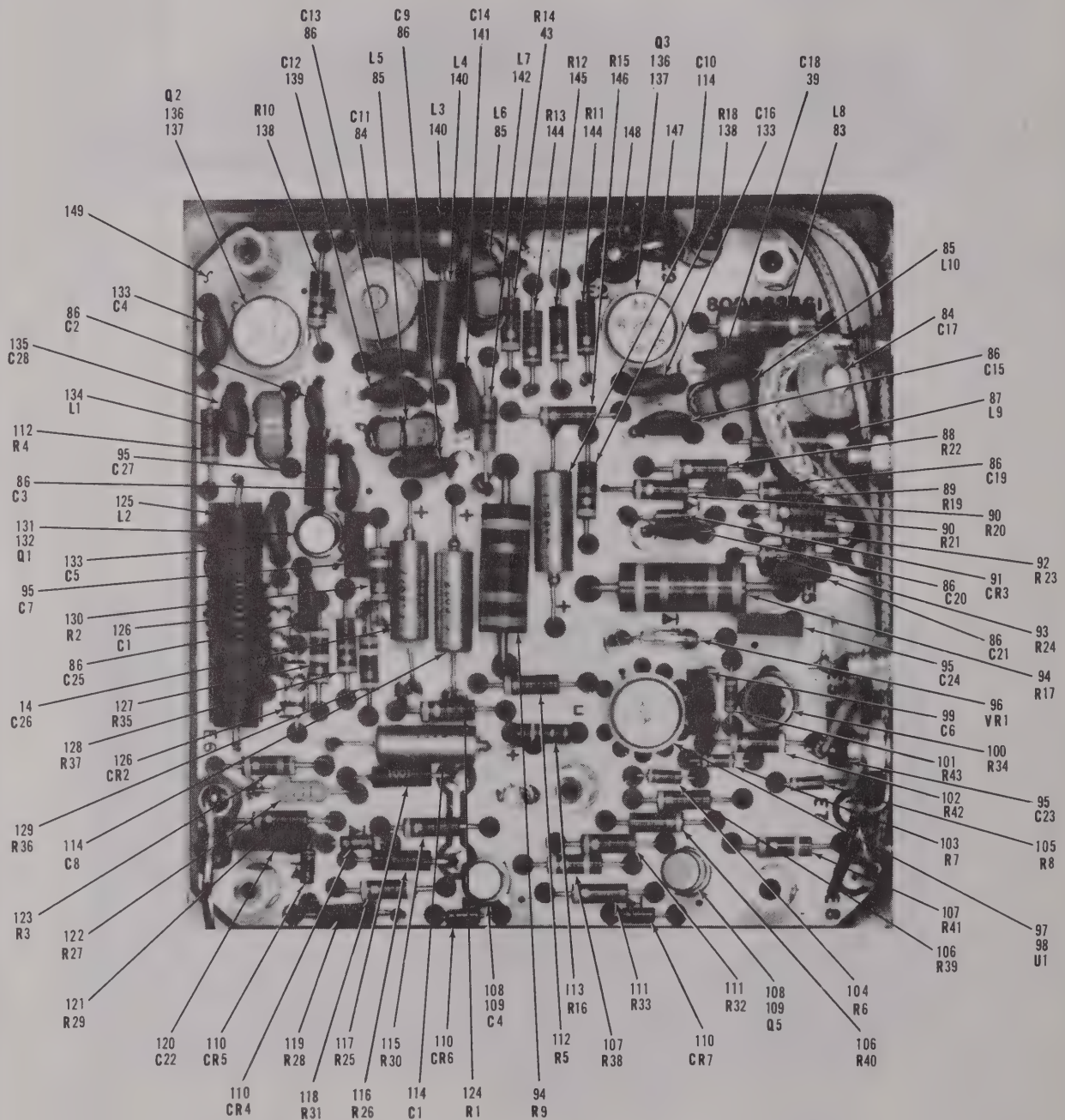


Figure 13. DIGI CHANNEL, Model 3503, Oscillator/Synthesizer, 1A1 (Sheet 3 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
13- 64	CK068X333K	C	CAPACITOR	1	
- 65	8009301-1	C	COVER, SWITCH	1	
	MS51959-8	C	ATTACHING PARTS SCREW	3	
			-----*		
- 66	512999-4	C	SWITCH, ROTARY, THUMBWHEEL, 16 POSITION	1	
- 67	512999-3	C	SWITCH, ROTARY, THUMBWHEEL, 10 POSITION	1	
- 68	512999-2	C	SWITCH, ROTARY, THUMBWHEEL, 10 POSITION, WITH DECIMAL POINT	1	
- 69	512999-1	C	SWITCH, ROTARY, THUMBWHEEL, 5 POSITION	1	
	8008635G1	C	PLATE, MOUNTING	1	
- 70	508581-8	D	NUT, CLINCH	3	
- 71	8008635-1	D	PLATE	1	
	8008622G1	C	PRINTED WIRING BOARD	1	
- 72	514272-2	D	TERMINAL, STUD	2	
- 73	8007528-1	D	TERMINAL, STUD	2	
- 74	514290-1	D	TERMINAL, STUD	19	
- 75	8008622-1	D	PRINTED WIRING BOARD	1	
- 76	501058-7	B	BUTTON, PLUG	1	
- 77	8009323-1	B	PLATE, IDENTIFICATION	1	
- 78	8007544-1	B	PLATE, INSTRUCTION	1	
- 79	8004961-1	B	RETAINER, SHIELD	1	
			ATTACHING PARTS		
	MS25082-12	H	NUT	1	
	MS35333-73	B	WASHER	1	
			-----*		
- 80	UG1465U	B	CONNECTOR	1	
- 81	RG316U	B	CABLE, RF	AR	
- 82	501912-1	B	CLAMP	1	
			ATTACHING PARTS		
	MS51957-14	B	SCREW	1	
	MS15795-803	B	WASHER	1	
	MS35338-135	B	WASHER	1	
			-----*		
	8008624G1	B	CIRCUIT CARD ASSEMBLY, RF GENERATOR	1	
			ATTACHING PARTS		
	8008632-2	B	SCREW, SPECIAL	5	
			-----*		
- 83	MS18130-5	C	COIL, RF	1	
- 84	501174-102	C	CAPACITOR, VARIABLE, CERAMIC DIELECTRIC	2	
- 85	8008637G1	C	COIL, RF	3	
- 86	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	9	
- 87	MS18130-4	C	COIL, RF	1	
- 88	RCR07G121JS	C	RESISTOR	1	
- 89	RCR07G300JS	C	RESISTOR	1	
- 90	RCR07G181JS	C	RESISTOR	2	
- 91	JAN1N4148	C	SEMICONDUCTOR DEVICE, DIGDE	1	
- 92	RCR07G683JS	C	RESISTOR	1	
- 93	RCR07G163JS	C	RESISTOR	1	
- 94	RCR32G331JS	C	RESISTOR	2	
- 95	CK068X103K	C	CAPACITOR	4	
- 96	511864-8	C	SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR	1	
- 97	507387-1	C	INTEGRATED CIRCUIT, TRANSISTOR ARRAY	1	
- 98	507296-3	C	INSULATOR, STANDOFF	1	
- 99	CK068X104K	C	CAPACITOR	1	
-100	RJ50CP202	C	RESISTOR, VARIABLE	1	
-101	RCR05G152JS	C	RESISTOR	1	
-102	RCR07G910JS	C	RESISTOR	1	
-103	RCR05G472JS	C	RESISTOR	1	
-104	RCR05G102JS	C	RESISTOR	1	
-105	RCR05G562JS	C	RESISTOR	1	
-106	RCR07G752JS	C	RESISTOR	2	
-107	RCR07G242JS	C	RESISTOR	2	
-108	JAN2N2222A	C	TRANSISTOR	2	
-109	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	2	
-110	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOT CARRIER /USED IN EARLY CONFIGURATIONS/	4	
	511785-4	C	SEMICONDUCTOR DEVICE, DIODE, HOT CARRIER /USED IN LATER CONFIGURATIONS/	4	
-111	RN55D6810F	C	RESISTOR	2	
-112	RCR07G201JS	C	RESISTOR	2	
-113	RCR05G243JS	C	RESISTOR	1	
-114	M39003-01-2289	C	CAPACITOR	4	
-115	RN55D1821F	C	RESISTOR	1	
-116	RN55D1211F	C	RESISTOR	1	
-117	RN55D1001F	C	RESISTOR	1	
-118	RN55D9310F	C	RESISTOR	1	
-119	RN55D8250F	C	RESISTOR	1	
-120	CK068X682K	C	CAPACITOR	1	
-121	RCR07G822JS	C	RESISTOR	1	
-122	RN55D2211F	C	RESISTOR	1	
-123	RCR07G431JS	C	RESISTOR	1	
-124	RCR07G561JS	C	RESISTOR	1	
-125	8008636G1	C	COIL, RF	1	
-126	511863-1	C	SEMICONDUCTOR DEVICE, DIODE	2	
-127	RCR07G104JS	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G103JS	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
-128	RCR07G153JS	C	RESISTOR	1	

A3



Figure 13. DIGI CHANNEL, Model 3503, Oscillator/Synthesizer, 1A1 (Sheet 4 of 4)



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
13-129	RCR07G392JS	C	RESISTOR	1	
-130	RCR07G301JS	C	RESISTOR	1	
-131	511827-1	C	TRANSISTOR, FET N CHANNEL	1	
-132	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	1	
-133	CK608X470K	C	CAPACITOR /ALTERNATE PART 501240-25/	3	
-134	8009305G1	C	COIL, RF	1	
-135	CK608X6R8K	C	CAPACITOR /ALTERNATE PART 501240-10/	1	
-136	515387-1	C	TRANSISTOR	2	
-137	507253-1	C	INSULATOR, STANDOFF, TRANSISTOR	2	
-138	RCR07G203JS	C	RESISTOR	2	
-139	CK608X150K	C	CAPACITOR /ALTERNATE PART 501240-16/	2	
-140	MS18130-1	C	COIL, RF	2	
-141	CK608X220K	C	CAPACITOR /ALTERNATE PART 501240-19/	1	
-142	507385-1	C	INDUCTOR, MINIATURE	1	
-143	RCR07G101JS	C	RESISTOR	1	
-144	RCR07G121JS	C	RESISTOR	2	
-145	RCR07G470JS	C	RESISTOR	1	
-146	RCR07G390JS	C	RESISTOR	1	
	8008625G1	C	PRINTED WIRING BOARD	1	
-147	514272-2	D	TERMINAL, STUD	2	
-148	8007528-1	D	TERMINAL, STUD	2	
-149	8008625-1	D	PRINTED WIRING BOARD	1	
	8008627G1	B	CIRCUIT CARD ASSEMBLY, PHASE COMPARATOR	1	
			ATTACHING PARTS		
	8008632-1	B	SCREW, SPECIAL	4	
			---*---		
-150	RCR07G511JS	C	RESISTOR	2	
-151	RCR07G270JS	C	RESISTOR	1	
-152	RCR07G472JS	C	RESISTOR	4	
-153	RCR07G101JS	C	RESISTOR	4	
-154	JAN2N222A	C	TRANSISTOR	3	
-155	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	3	
-156	CK068X473K	C	CAPACITOR	3	
-157	M39003-01-2362	C	CAPACITOR	1	
-158	RCR07G183JS	C	RESISTOR	3	
-159	RCR07G562JS	C	RESISTOR	1	
-160	RCR07G222JS	C	RESISTOR	1	
-161	JAN2N2907A	C	TRANSISTOR	1	
-162	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	1	
-163	CK608X101K	C	CAPACITOR /ALTERNATE PART 501240-31/	1	
-164	RCR07G106JS	C	RESISTOR	1	
-165	JAN1N4148	C	SEMICONDUCTOR DEVICE, DIODE	4	
-166	511799-1	C	TRANSISTOR, FET, N CHANNEL	1	
-167	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	1	
-168	RCR07G103JS	C	RESISTOR	2	
-169	CK068X103K	C	CAPACITOR	1	
-170	RCR07G102JS	C	RESISTOR	1	
-171	RCR07G242JS	C	RESISTOR	1	
-172	CK608X470K	C	CAPACITOR /ALTERNATE PART 501240-25/	1	
-173	RCR07G303JS	C	RESISTOR	2	
-174	RCR07G302JS	C	RESISTOR	1	
-175	507383-1	C	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	1	
-176	MS18130-22	C	COIL, RF	1	
-177	CK068X154K	C	CAPACITOR	1	
-178	CK068X104K	C	CAPACITOR	2	
-179	RCR07G681JS	C	RESISTOR	1	
-180	RCR07G272JS	C	RESISTOR	1	
-181	M39003-01-2289	C	CAPACITOR	4	
-182	511864-17	C	SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR	1	
-183	CK068X224K	C	CAPACITOR	1	
-184	511864-6	C	SEMICONDUCTOR DEVICE, DIODE, VOLTAGE REGULATOR	1	
-185	CK068X222K	C	CAPACITOR	1	
-186	M39003-01-2304	C	CAPACITOR	1	
-187	RCR20G751JS	C	RESISTOR	1	
	8008628G1	C	PRINTED WIRING BOARD	1	
-188	514272-2	D	TERMINAL, STUD	2	
-189	8007528-1	D	TERMINAL, STUD	2	
-190	8008628-1	D	PRINTED WIRING BOARD	1	
-191	MS3367-4-9	B	CLAMP	2	
-192	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
-193	502056-401	B	CONTACT, ELECTRICAL	5	
-194	502056-101	B	CONNECTOR, PLUG, ELECTRICAL	1	
-195	508933-5	B	REFERENCE GENERATOR	1	
			ATTACHING PARTS		
	511338-2	B	SCREW, SELF-LOCKING	4	
			---*---		
	8008620G1	B	HOUSING	1	
-196	8008633-1	C	NUT, SPECIAL	4	
-197	8008632-2	C	NUT, SPECIAL	5	
-198	MS51836-307	C	INSERT	2	
-199	508565-6	C	NUT, CLINCH	3	
-200	508581-9	C	NUT, CLINCH	3	
-201	8008620-1	C	HOUSING	1	

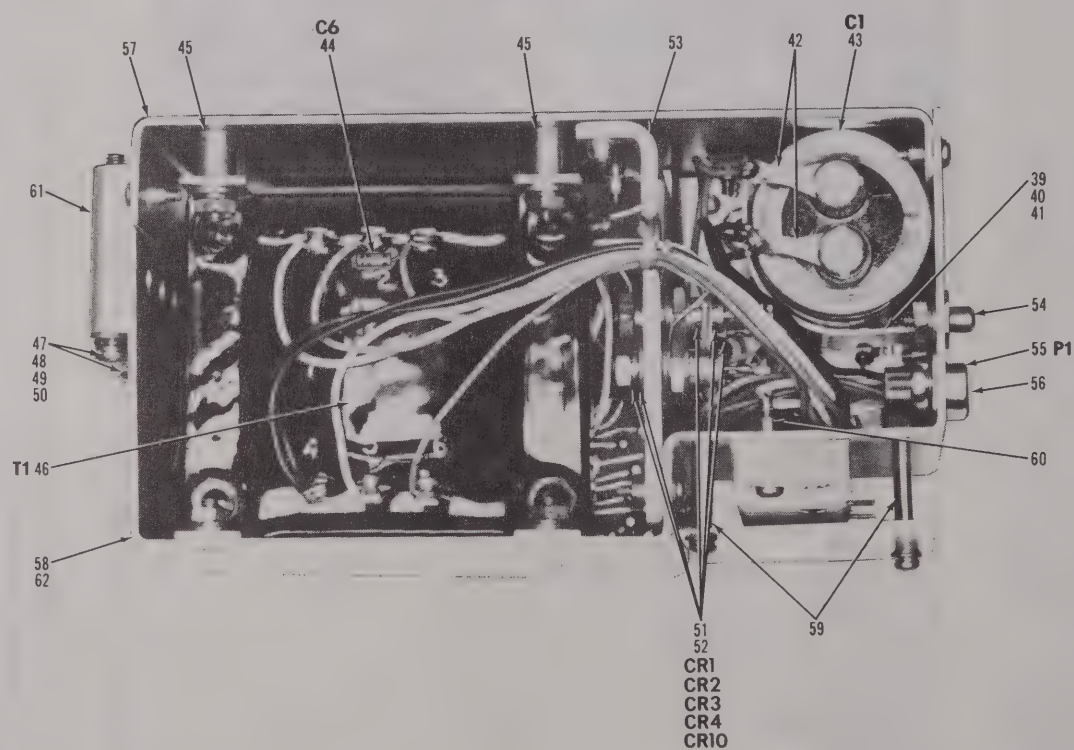
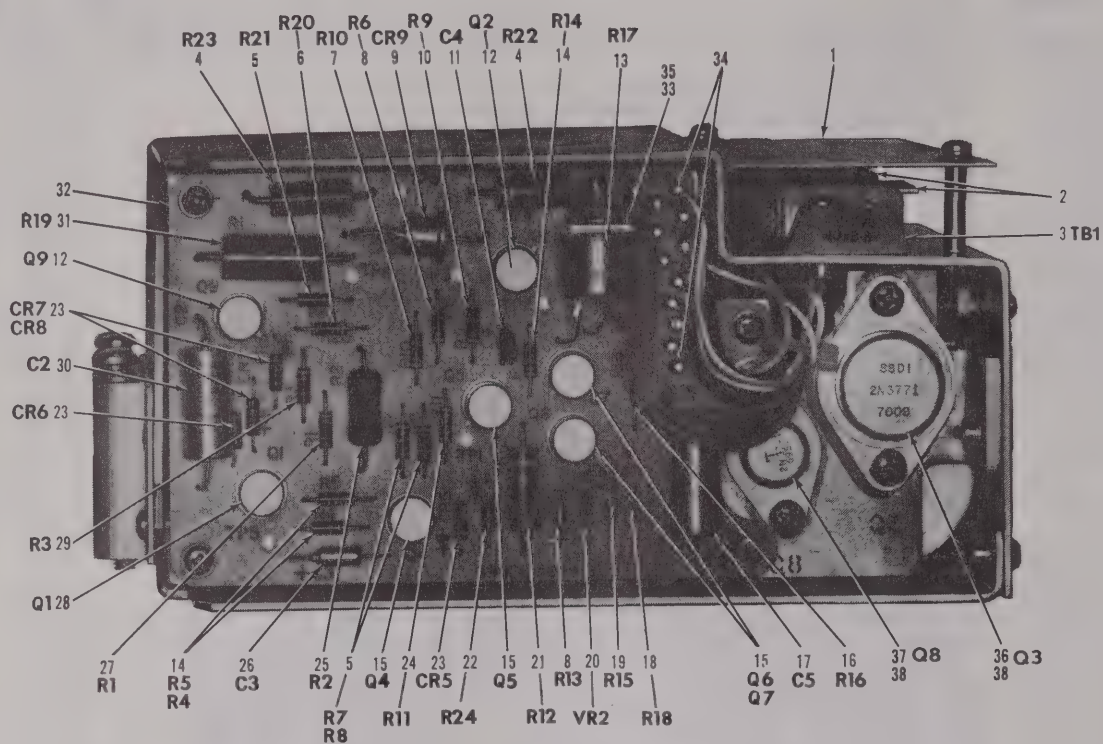


Figure 14. Power Supply, 1PS1



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E X	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
14-	8004245G1	A	POWER SUPPLY /SEE FIGURE 2 FOR NHA/	REF	
- 1	8004523-1	B	COVER, TERMINAL STRIP	1	
			ATTACHING PARTS		
	MS35206-214	B	SCREW	2	
	MS27183-3	B	WASHER	2	
	MS35338-40	B	WASHER	2	
			---*---		
- 2	8004716-1	B	STRAP, JUMPER, TERMINAL BOARD	3	
- 3	40T88	B	TERMINAL BOARD	1	
			ATTACHING PARTS		
	MS35206-218	B	SCREW	2	
			---*---		
	8004355G1	B	CIRCUIT CARD ASSEMBLY, POWER SUPPLY	1	
			ATTACHING PARTS		
	MS35206-215	B	SCREW	4	
	MS27183-3	B	WASHER	4	
			---*---		
- 4	RCR32G100JR	C	RESISTOR	2	
- 5	RCR07G273JR	C	RESISTOR	3	
- 6	RCR07G821JR	C	RESISTOR	1	
- 7	RCR07G182JR	C	RESISTOR	1	
- 8	RCR07G222JR	C	RESISTOR	2	
- 9	JANIN538	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 10	RCR07G562JR	C	RESISTOR	1	
- 11	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	1	
- 12	JAN2N1132	C	TRANSISTOR /Q1 REPLACED BY JAN2N2904A IN EARLY CONFIGURATIONS/	3	
- 13	RV6NAYS1501A	C	RESISTOR	1	
- 14	RCR07G103JR	C	RESISTOR	3	
- 15	JAN2N1613	C	TRANSISTOR	4	
- 16	RN55D2801F	C	RESISTOR	1	
- 17	M39003-01-2312	C	CAPACITOR	1	
- 18	RN55D1241F	C	RESISTOR	1	
- 19	RCR07G102JR	C	RESISTOR	1	
- 20	JANIN825	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 21	RCR32G182JR	C	RESISTOR	1	
- 22	JANIN754A	C	SEMICONDUCTOR DEVICE, DIODE /USED IN EARLY CONFIGURATIONS, DELETED IN LATER CONFIGURATIONS/	1	
	RCR07G751JR	C	RESISTOR /ADDED IN LATER CONFIGURATIONS/	1	
- 23	JANIN914	C	SEMICONDUCTOR DEVICE, DIODE	4	
- 24	RCR07G332JR	C	RESISTOR /USED IN EARLY CONFIGURATIONS/	1	
	RCR07G132JR	C	RESISTOR /USED IN LATER CONFIGURATIONS/	1	
- 25	RW69V2R2	C	RESISTOR	1	
- 26	M39003-01-2344	C	CAPACITOR	1	
- 27	RCR07G681JR	C	RESISTOR	1	
- 28	JAN2N2904A	C	TRANSISTOR /REPLACED Q1, JAN2N1132 IN EARLY CONFIGURATIONS/	1	
	515392-1	C	TRANSISTOR /USED IN LATER CONFIGURATIONS/	1	
- 29	RCR07G272JR	C	RESISTOR	1	
- 30	M39003-01-2301	C	CAPACITOR	1	
- 31	RC42GF102J	C	RESISTOR	1	
- 32	8004445G1	C	PRINTED WIRING BOARD	1	
- 33	8003155-2	D	BRACKET, ANGLE	1	
			ATTACHING PARTS		
	MS16535-13	D	RIVET	2	
			---*---		
- 34	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	19	
- 35	8004445-1	D	PRINTED WIRING BOARD	1	
- 36	511793-1	B	TRANSISTOR, NPN, POWER AMPLIFIER	1	
			ATTACHING PARTS		
	MS35206-230	B	SCREW	2	
	507292-1	B	MOUNTING PAD, ELECTRONIC COMPONENT	1	
	507292-3	B	WASHER, SHOULDERED	2	
	MS35338-41	B	WASHER	2	
	MS27183-5	B	WASHER	2	
	MS35649-262	B	NUT	2	
			---*---		
- 37	511812-2	B	TRANSISTOR, PNP, POWER	1	
			ATTACHING PARTS		
	MS35206-230	B	SCREW	2	
	507292-2	B	INSULATING PLATE, TRANSISTOR	1	
	507292-3	B	WASHER, SHOULDERED	2	
	MS35338-41	B	WASHER	2	
	MS27183-5	B	WASHER	2	
	MS35649-262	B	NUT	2	
			---*---		
- 38	514267-2	B	TERMINAL, LUG	2	
	8004524G1	B	STRAP ASSEMBLY, RETAINING	1	
			ATTACHING PARTS		
	MS35190-222	B	SCREW	2	
			---*---		

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
14 - 39	8004524-2	C	CUSHION, STRAP	1	
- 40	508566-1	C	NUT, SELF-LOCKING, CLINCH	2	
- 41	8004524-1	C	STRAP, RETAINING	1	
- 42	8102535-4	B	TERMINAL, LUG, LOCKING /USED IN EARLIEST CONFIGURATIONS/	2	
	MS35431-8	B	TERMINAL, LUG /USED IN EARLY CONFIGURATIONS/	2	
- 43	501178-7	B	CAPACITOR, FIXED, ELECTROLYTIC, ALUMINUM	1	
			ATTACHING PARTS		
	MS51958-59	B	SCREW /ADDED IN LATER CONFIGURATIONS/	2	
	8102535-4	B	TERMINAL, LUG /ADDED IN LATER CONFIGURATIONS	2	
			---*---		
- 44	501170-12	B	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY	1	
			CONFIGURATIONS/		
	CK06BX104K	B	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 45	8004952-1	B	SPACER, SLEEVE	2	
			ATTACHING PARTS		
	MS35190-240	B	SCREW	2	
	MS27183-6	B	WASHER	2	
	MS35338-41	B	WASHER	2	
	MS35649-262	B	NUT	2	
			---*---		
- 46	515318-4	B	TRANSFORMER, POWER, STEP-DOWN	1	
			ATTACHING PARTS		
	MS35190-236	B	SCREW	4	
	MS27183-6	B	WASHER	4	
	MS35338-41	B	WASHER	4	
	MS35649-262	B	NUT	4	
			---*---		
- 47	MS35206-251	B	SCREW	2	
- 48	MS27183-7	B	WASHER	2	
- 49	MS35338-42	B	WASHER	2	
- 50	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
- 51	JAN1N1614	B	SEMICONDUCTOR DEVICE, DIODE	5	
			ATTACHING PARTS		
	MS25082-3	B	NUT	5	
	MS35338-43	B	WASHER	5	
	AN960-10L	B	WASHER	10	
	507293-1	B	INSULATING WASHER	10	
	512277-1	B	BUSHING, SLEEVE	5	
			---*---		
- 52	8102535-4	B	TERMINAL, LUG, LOCKING /USED IN EARLY CONFIGURATIONS/	5	
	MS35431-8	B	TERMINAL, LUG /USED IN LATER CONFIGURATIONS/	5	
- 53	8004522G1	B	HEATSINK	1	
			ATTACHING PARTS		
	MS35206-216	B	SCREW	2	
	MS35190-223	B	SCREW	3	
			---*---		
	508566-2	C	NUT, SELF-LOCKING, CLINCH /USED IN EARLY CONFIGURATIONS/	7	
	508566-10	C	NUT, SELF-LOCKING, CLINCH /USED IN LATER CONFIGURATIONS/	7	
	8004522-1	C	HEATSINK	1	
- 54	8004951-1	B	PIN, SHOULDER, HEADLESS	2	
			ATTACHING PARTS		
	MS35649-262	B	NUT	2	
	MS27183-5	B	WASHER	2	
	MS35338-41	B	WASHER	2	
			---*---		
- 55	502056-102	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
			ATTACHING PARTS		
	MS35190-224	B	SCREW	2	
	NAS620-4L	B	WASHER	2	
	MS35338-40	B	WASHER	2	
	MS35649-242	B	NUT	2	
			---*---		
- 56	502056-401	B	CONTACT, ELECTRICAL	14	
- 57	8004876G1	B	COVER ASSEMBLY, CHASSIS, BOTTOM	1	
			ATTACHING PARTS		
	MS35206-214	B	SCREW	4	
			---*---		
	508566-2	C	NUT, SELF-LOCKING, CLINCH	5	
	8004876-1	C	COVER, CHASSIS, BOTTOM	1	
- 58	8004875G1	B	CHASSIS, ELECTRICAL EQUIPMENT, POWER SUPPLY	1	
- 59	505127-4	C	STANDOFF, THREADED	2	
- 60	508566-2	C	NUT, SELF-LOCKING, CLINCH	3	
- 61	8004475-2	C	LUG, MOUNTING	2	
			ATTACHING PARTS		
	MS16535-134	C	RIVET	4	
			---*---		
- 62	8004875-1	C	CHASSIS	1	



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
15-	8004239G1	A	PREAMPLIFIER, AF/AGC-SQUELCH /SEE FIGURE 2 FOR NHA/ REPLACED BY 8008586G1 /FIGURE 18/ IN LATER CONFIGURATIONS/	REF	
- 1	MS35206-251	B	SCREW	1	
- 2	MS27183-7	B	WASHER	1	
- 3	MS35338-42	B	WASHER	1	
- 4	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
- 5	8004951-1	B	PIN, SHOULDER, HEADLESS ATTACHING PARTS	2	
	MS35649-262	B	NUT	2	
	MS27183-5	B	WASHER	2	
	MS35338-41	B	WASHER	2	
			---*---		
- 6	502056-401	B	CONTACT, ELECTRICAL	14	
	8004356G1	B	CIRCUIT CARD ASSEMBLY, PREAMPLIFIER, AUDIO FREQUENCY ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS27183-3	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			---*---		
- 7	RCR07G333JR	C	RESISTOR	1	
- 8	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 9	RCR07G562JR	C	RESISTOR	2	
- 10	CL65BH151KPE	C	CAPACITOR	1	
- 11	M39003-01-2374	C	CAPACITOR	2	
- 12	RV6NAYSL103A	C	RESISTOR	1	
- 13	M39003-01-2286	C	CAPACITOR	4	
- 14	M39003-01-2368	C	CAPACITOR	2	
- 15	CP09A1KC68K3	C	CAPACITOR	2	
- 16	RCR07G154JR	C	RESISTOR	2	
- 17	RCR07G394JR	C	RESISTOR	2	
- 18	RCR07G124JR	C	RESISTOR	1	
- 19	RCR07G822JR	C	RESISTOR	1	
- 20	RCR07G152JR	C	RESISTOR	2	
- 21	RCR07G151JR	C	RESISTOR	2	
- 22	CP09A1KB103K3	C	CAPACITOR	3	
- 23	JAN2N2222A	C	TRANSISTOR	3	
- 24	507253-12	C	MOUNTING PAD, TRANSISTOR	3	
- 25	JAN2N1613	C	TRANSISTOR	3	
- 26	RCR07G561JR	C	RESISTOR	1	
- 27	RCR07G393JR	C	RESISTOR	1	
- 28	RCR07G102JR	C	RESISTOR /R45 REPLACED BY RCR07G122JR IN LATER CONFIGURATIONS/	4	
- 29	RCR07G122JR	C	RESISTOR /REPLACES R45, RCR07G102JR IN LATER CONFIGURATIONS/	1	
- 30	509404-301	C	COIL, RF	1	
- 31	RCR07G104JR	C	RESISTOR	2	
- 32	RCR07G221JR	C	RESISTOR	1	
- 33	RCR07G224JR	C	RESISTOR	1	
- 34	RCR07G222JR	C	RESISTOR	1	
- 35	RCR07G272JR	C	RESISTOR	1	
- 36	8004420G1	C	PRINTED WIRING BOARD	1	
	8003155-2	D	BRACKET, ANGLE ATTACHING PARTS	1	
	MS16535-13	D	RIVET	2	
			---*---		
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	12	
	8004420-1	D	PRINTED WIRING BOARD	1	
	8004357G1	B	CIRCUIT CARD ASSEMBLY, AUTOMATIC GAIN CONTROL-SQUELCH ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS27183-3	B	WASHER	4	
	MS35338-40	B	WASHER	4	
			---*---		
- 37	RCR07G202JR	C	RESISTOR	2	
- 38	M39003-01-2312	C	CAPACITOR	1	
- 39	RCR07G201JR	C	RESISTOR	1	
- 40	JAN2N1613	C	TRANSISTOR	2	
- 41	JAN2N1132	C	TRANSISTOR	4	
- 42	RCR07G242JR	C	RESISTOR	2	
- 43	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 44	RCR07G753JR	C	RESISTOR	1	
- 45	RCR07G472JR	C	RESISTOR	1	
- 46	RN55D6041F	C	RESISTOR	1	
- 47	RCR20G331JR	C	RESISTOR	1	
- 48	RCR07G470JR	C	RESISTOR	1	
- 49	RCR07G622JR	C	RESISTOR	1	
- 50	RN55D8250F	C	RESISTOR	1	
- 51	RN55D60R4F	C	RESISTOR	1	
- 52	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 53	RN55D2801F	C	RESISTOR	1	
- 54	RV6NAYSL252A	C	RESISTOR	1	
- 55	CP09A1KB104K3	C	CAPACITOR	1	
- 56	RN55D7151F	C	RESISTOR	2	
- 57	RN55D1002F	C	RESISTOR	1	
- 58	RN55D2430F	C	RESISTOR	1	
- 59	JAN2N2222A	C	TRANSISTOR	2	
- 60	507253-12	C	MOUNTING PAD, TRANSISTOR	2	

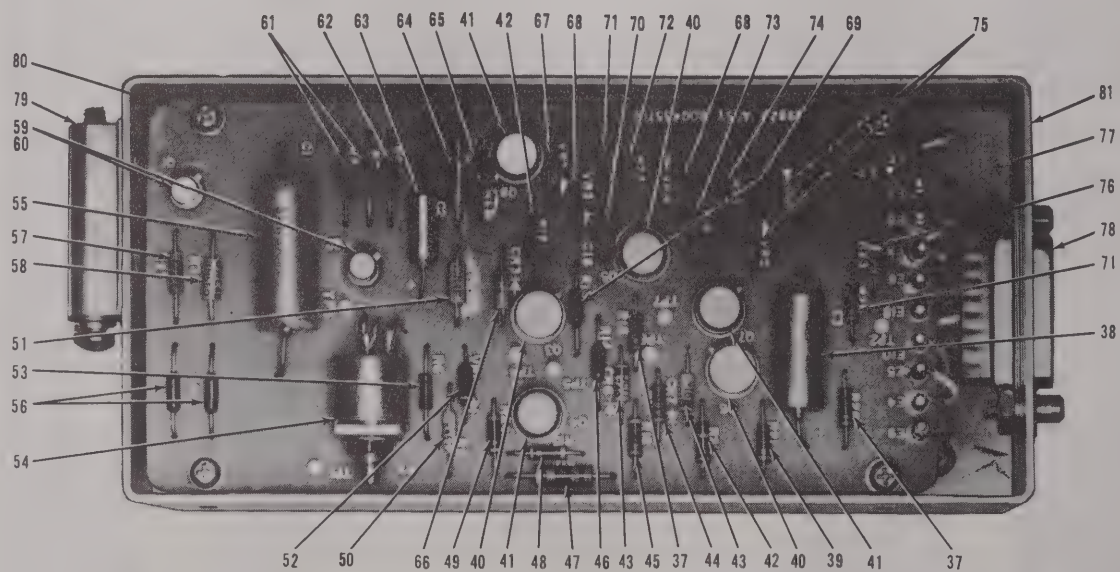
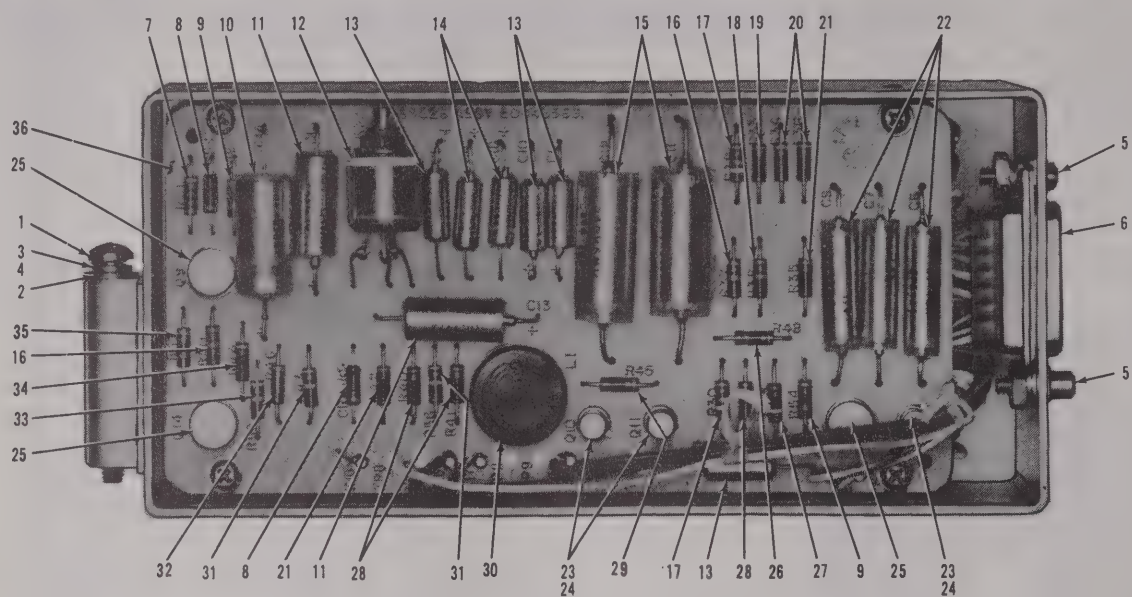


Figure 15. Preamplifier, AF/AGC Squelch, 1A3



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E X	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
15- 61	RN5504321F	C	RESISTOR	2	
- 62	RN5503321F	C	RESISTOR	1	
- 63	M39003-01-2286	C	CAPACITOR	1	
- 64	RN5502100F	C	RESISTOR	1	
- 65	509413-4	C	RESISTOR, THERMAL	1	
- 66	JANIN914	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 67	JANIN759A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 68	JANIN751A	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 69	RN5501001F	C	RESISTOR	1	
- 70	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGURATIONS/	1	
	CK068X104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 71	RCR07G102JR	C	RESISTOR	2	
- 72	RCR07G621JR	C	RESISTOR	1	
- 73	RCR07G152JR	C	RESISTOR	1	
- 74	RCR07G103JR	C	RESISTOR	1	
- 75	JANIN755A	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 76	RCR07G392JR	C	RESISTOR	1	
- 77	8004407G1	C	PRINTED WIRING BOARD	1	
	8003155-2	D	BRACKET, ANGLE ATTACHING PARTS	1	
	MS16535-13	D	RIVET	2	
	514266-302	D	TERMINAL, STUD, UNINSULATED, TURRET-TYPE	18	
	8004407-1	D	PRINTED WIRING BOARD	1	
	8004562G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 78	502056-102	C	CONNECTOR, RECEPTACLE, ELECTRICAL ATTACHING PARTS	1	
	8004777-1	C	EYELET, METALLIC	2	
- 79	8004475-2	C	LUG, MOUNTING ATTACHING PARTS	1	
	MS16535-134	C	RIVET	4	
- 80	8004561-1	C	BRACKET, MOUNTING ATTACHING PARTS	4	
	MS16535-65	C	RIVET	4	
- 81	8004562-1	C	CHASSIS, ELECTRICAL EQUIPMENT	1	
16-	8004206G1	A	FRAME ASSEMBLY, RECEIVER, RADIO, UHF SEE FIGURE 2 FOR NHA/	REF	A
	8004206G2	A	FRAME ASSEMBLY, RECEIVER, RADIO, VHF SEE FIGURE 2 FOR NHA/	REF	B
- 1	508121-1	B	LENS, INDICATOR LIGHT, PLASTIC, CLEAR	1	
- 2	NE51	B	LAMP, GLOW /USED IN 105V TO 120V OPERATION/	1	
	NE51H	B	LAMP, GLOW /USED IN 210V TO 240V OPERATION/	1	
- 3	LH76-1	B	LAMPHOLDER	1	
- 4	CK60AX471K	B	CAPACITOR /ALTERNATE PART 501240-43/	3	
- 5	F02A250V1A	B	FUSE	2	
- 6	FHL17G2	B	FUSEHOLDER	2	
- 7	514260-8	B	TERMINAL, LUG TYPE	1	
- 8	RV6NAYSL252A	B	RESISTOR ATTACHING PARTS	1	
	8006134-1	B	NUT, MOUNTING	1	
- 9	RV6NAYSL502C	B	RESISTOR ATTACHING PARTS	1	
	8006134-1	B	NUT, MOUNTING	1	
- 10	MS91528-0D18	B	KNOB	1	
- 11	RV6NAYSD502C	B	RESISTOR	1	
- 12	509137-1	B	PLATE, IDENTIFICATION	1	
- 13	502084-1	B	CONNECTOR, ELECTRICAL, TEST POINT ATTACHING PARTS	1	
	MS35206-217	B	SCREW	2	
	MS27183-4	B	WASHER	2	
	MS35338-40	B	WASHER	2	
- 14	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	2	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	2	
- 15	8004856-1	B	SCREW, CAPTIVE	2	
- 16	MS27183-7	B	WASHER	2	
	8004760G1	B	HOLDER ASSEMBLY, CARD	1	
- 17	8004760-2	C	TAPE, PRESSURE SENSITIVE, ADHESIVE	1	
- 18	8004760-1	C	HOLDER, CARD	1	
- 19	MS35672-17	B	PIN	2	
- 20	8004591-1	B	DOOR, FRONT PANEL	1	
- 21	509204-1	B	PROTECTOR, VOLTAGE, TRANSIENT	1	
- 22	502072-1	B	COVER, ACCESS, SELF-CLOSING	1	
- 23	JJ034	B	JACK	1	
- 24	MS35058-23	B	SWITCH ATTACHING PARTS	1	
	8105252-2	B	WASHER, FLAT	1	

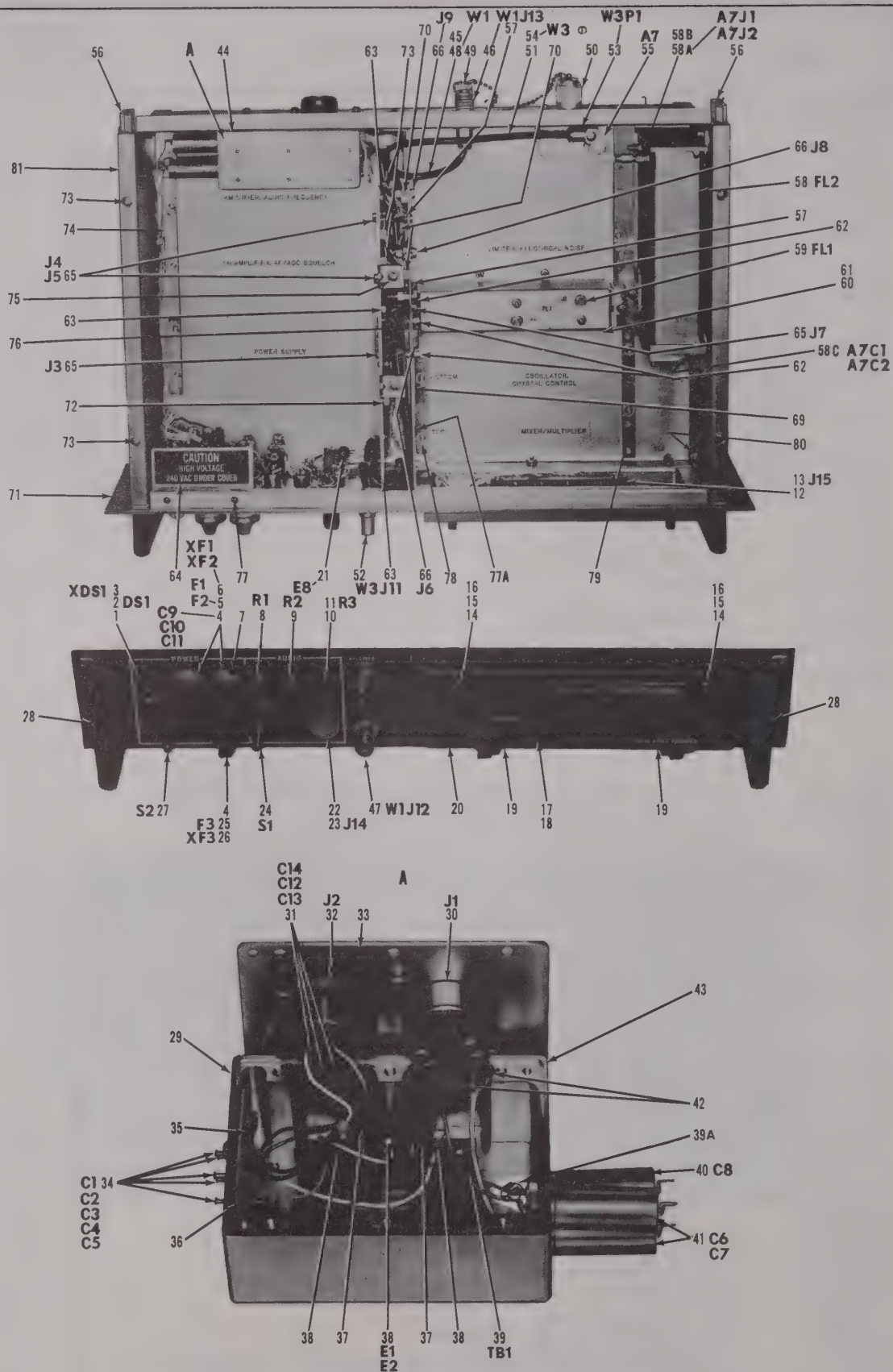


Figure 16. Frame Assembly, Receiver, Radio, UHF and VHF, Unit 1



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
16- 25	F02A250V3A	B	FUSE	1	
- 26	FHL18G2-2	B	FUSEHOLDER	1	
- 27	512984-2	B	SWITCH, TOGGLE	1	
			ATTACHING PARTS		
	8105252-2	B	WASHER, FLAT	1	
			-----*		
- 28	8004517-2	B	HANDLE, BOW, FRONT PANEL	2	
			ATTACHING PARTS		
	8006103-5	B	SCREW, MACHINE /USED IN EARLY CONFIGURATIONS/	4	
	8006103-7	B	SCREW, MACHINE /USED IN LATER CONFIGURATIONS/	4	
	MS27183-7	B	WASHER /DELETED IN LATER CONFIGURATIONS/	4	
	MS35338-42	B	WASHER	4	
	NAS671-8	B	NUT	4	
			-----*		
- 29	8006068G1	B	CONNECTOR, FILTER	1	
			ATTACHING PARTS		
	MS35206-228	B	SCREW	6	
	MS35338-41	B	WASHER	6	
			-----*		
- 30	502079-3	C	CONNECTOR, RECEPTACLE, ELECTRICAL, THREE WIRE, TWIST-LOCK	1	
			ATTACHING PARTS		
	MS35206-227	C	SCREW	2	
	MS35338-41	C	WASHER	2	
	MS35649-262	C	NUT	2	
			-----*		
- 31	CK60AX471K	C	CAPACITOR /ALTERNATE PART 501240-43/	3	
- 32	MS3102R18-8P	C	CONNECTOR	1	
			ATTACHING PARTS		
	MS35206-216	C	SCREW	4	
	MS35338-40	C	WASHER	4	
	MS35649-242	C	NUT	4	
			-----*		
- 33	8006065-1	C	PLATE, MOUNTING, CONNECTOR	1	
			ATTACHING PARTS		
	MS24693S1	C	SCREW	2	
			-----*		
	8006067G1	C	PLATE, MOUNTING, CAPACITOR	1	
			ATTACHING PARTS		
	MS35206-216	C	SCREW	4	
	MS35338-40	C	WASHER	4	
	MS35649-242	C	NUT	4	
			-----*		
- 34	501172-1	D	CAPACITOR, FIXED, CERAMIC DIELECTRIC, FEEDTHRU	5	
- 35	514266-301	D	TERMINAL, STUD, UNINSULATED	1	
- 36	8006067-1	D	PLATE, MOUNTING	1	
	8004818G1	C	TERMINAL BOARD	1	
			ATTACHING PARTS		
	MS35206-214	C	SCREW	2	
	MS27183-4	C	WASHER	2	
	MS35338-40	C	WASHER	2	
			-----*		
- 37	509204-1	D	PROTECTOR, VOLTAGE, TRANSIENT	2	
	8004815G4	D	TERMINAL BOARD	1	
- 38	NAS705S2	E	TERMINAL	3	
- 39	8004815-2	E	TERMINAL BOARD	1	
- 39A	RGR20G474JS	C	RESISTOR /ADDED IN LATER CONFIGURATIONS/	2	
- 40	501370-2	C	CAPACITOR, RFI FILTER, FEEDTHRU	1	
			ATTACHING PARTS		
	508027-1	C	TERMINAL, LUG /ADDED IN LATER CONFIGURATIONS/	1	
			-----*		
- 41	501370-1	C	CAPACITOR, RFI FILTER, FEEDTHRU	2	
- 42	514271-1	C	TERMINAL, LUG, CRIMP TYPE	2	
- 43	8006066-1	C	HOUSING, FILTER	1	
- 44	512139-2	B	GASKET, SHIELDING, ELECTRONIC	1	
	8004928G1	B	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL	1	
			ATTACHING PARTS		
	8105252-8	B	WASHER, FLAT	1	
			-----*		
- 45	516665-6	C	MARKER, IDENTIFICATION	1	
- 46	UG556BU	C	CONNECTOR	1	
- 47	M39012-19-0001	C	CONNECTOR	1	
			ATTACHING PARTS		
	517688-1	C	WASHER, LOCK, TOOTH, INTERNAL	1	
			-----*		
- 48	RG55BU	C	CABLE, RF	AR	
- 49	M39012-25-0006	B	COVER	1	
			ATTACHING PARTS		
	MS35206-228	B	SCREW	1	
	MS27183-5	B	WASHER	1	
	MS35338-41	B	WASHER	1	
	MS35649-262	B	NUT	1	
			-----*		
- 50	502082-2	B	COVER, ELECTRICAL CONNECTOR	1	
	8004929G1	B	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL	1	
- 51	516665-1	C	MARKER, IDENTIFICATION	1	
- 52	M39012-19-0001	C	CONNECTOR	1	

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
16 -	517688-1	C	ATTACHING PARTS WASHER, LOCK, TOOTH, INTERNAL -----*	1	
- 53	502082-14	C	CONNECTOR, PLUG, ELECTRICAL	1	
- 54	RG55BU	C	CABLE, RF	AR 1	
- 55	8004747G1	B	COUPLER, ANTENNA, UHF	1	A
	8004503G1	B	COUPLER, ANTENNA, VHF	1	B
	MS35206-214	B	ATTACHING PARTS SCREW	4	
	MS27183-4	B	WASHER -----*	4	
- 56	512308-3	B	SLIDE, DRAWER, EXTENSION ATTACHING PARTS	2	
	MS35206-243	B	SCREW -----*	4	
- 57	514267-2	B	TERMINAL, LUG ATTACHING PARTS	2	
	MS35206-226	B	SCREW	2	
	MS35649-262	B	NUT -----*	2	
- 58	8004242G1	B	FILTER, TUNABLE, UHF	1	A
	8004243G1	B	FILTER, TUNABLE, VHF	1	B
	MS35206-243	B	ATTACHING PARTS SCREW	2	
	MS35206-249	B	SCREW	1	
	MS27183-7	B	WASHER	3	
	MS35338-42	B	WASHER -----*	1	
- 58A	UG1464U	C	CONNECTOR /USED IN EARLY CONFIGURATIONS/	2	
	M39012-77-0002	C	CONNECTOR /USED IN LATER CONFIGURATIONS/	2	
- 58B	8004556-1	C	PROBE, FILTER	2	
- 58C	501194-1	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	2	
	501194-3	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	2	
- 59	505504-4	B	FILTER, BANDPASS, CRYSTAL, 50 KHZ CHANNEL SPACING /USED IN EARLY CONFIGURATIONS/	1	
	505564-4	B	FILTER, BANDPASS, CRYSTAL, 50 KHZ CHANNEL SPACING /USED IN LATER CONFIGURATIONS/	1	
	505504-6	B	FILTER, BANDPASS, CRYSTAL /OPTIONAL MODULE-SECURE VOICE/ 100 KHZ CHANNEL SPACING	1	
	505564-3	B	FILTER, BANDPASS, CRYSTAL, 25 KHZ CHANNEL SPACING /OPTIONAL MODULE/ ATTACHING PARTS	1	
	NAS671-4	B	NUT	2	
	MS27183-4	B	WASHER	2	
	MS35338-40	B	WASHER -----*	2	
- 60	8004749G1	B	BRACKET, MOUNTING, FILTER ATTACHING PARTS	1	
	MS35206-249	B	SCREW	1	
	MS35206-226	B	SCREW	4	
	MS27183-7	B	WASHER	1	
	MS27183-5	B	WASHER	4	
	MS35338-42	B	WASHER	1	
	MS35338-41	B	WASHER -----*	4	
- 61	8004951-1	C	PIN, SHOULDER, HEADLESS ATTACHING PARTS	2	
	MS35649-262	C	NUT	2	
	MS35338-41	C	WASHER -----*	2	
	8004749G2	C	BRACKET, MOUNTING, FILTER	1	
	8004475-5	D	LUG, MOUNTING ATTACHING PARTS	1	
	MS16535-134	D	RIVET -----*	4	
	8004749-1	D	BRACKET	1	
- 62	502056-302	B	RETAINER, ELECTRICAL CONNECTOR	4	
- 63	514267-2	B	TERMINAL, LUG ATTACHING PARTS	3	
	MS35190-235	B	SCREW	3	
	MS35649-262	B	NUT -----*	3	
- 64	8004832-1	B	PLATE, INSTRUCTION ATTACHING PARTS	1	
	MS35190-221	B	SCREW -----*	2	
	8004948G1	B	WIRING HARNESS, BRANCHED ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS35206-214	B	SCREW	6	
	MS35338-40	B	WASHER	10	
	NAS671-4	B	NUT -----*	10	
- 65	502056-202	C	CONNECTOR, PLUG, ELECTRICAL	4	
- 66	502056-201	C	CONNECTOR, PLUG, ELECTRICAL	3	



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
16 - 67	502056-402	C	CONTACT, ELECTRICAL	59	
- 68	514264-501	B	TERMINAL, STUD, INSULATED, TEFLON	1	
			ATTACHING PARTS		
	MS35649-262	B	NUT	1	
	MS27183-5	B	WASHER	1	
	MS35338-41	B	WASHER	1	
			-----*		
- 69	8004512G1	B	CHASSIS, ELECTRICAL EQUIPMENT, RIGHT SIDE	1	
			ATTACHING PARTS		
	MS35206-230	B	SCREW	2	
	MS35206-227	B	SCREW	2	
	MS35190-237	B	SCREW	2	
			-----*		
- 70	8004821-1	C	BUSHING, SLEEVE	5	
	508566-3	C	NUT, SELF-LOCKING, CLINCH	4	
	8004512-1	C	DUCT	1	
- 71	8004209G1	B	PANEL ASSEMBLY, FRONT	1	
			ATTACHING PARTS		
	MS35190-237	B	SCREW	5	
			-----*		
	8004495-1	C	HINGE, DOOR	1	
			ATTACHING PARTS		
	MS16535-135	C	RIVET	3	
			-----*		
	508565-2	C	NUT, PLAIN, CLINCH /USED IN EARLY CONFIGURATIONS/	2	
	508565-4	C	NUT, CLINCH, SELF-LOCKING /USED IN LATER CONFIGURATIONS/	2	
	8004209G2	C	PANEL ASSEMBLY, FRONT	1	
	8004518G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 72	8004821-1	C	BUSHING, SLEEVE	6	
- 73	8004519-1	C	NUT, SPECIAL	4	
- 74	8004510-1	C	BLOCK, MOUNTING	1	
			ATTACHING PARTS		
	MS16535-142	C	RIVET	4	
			-----*		
- 75	8004519-2	C	NUT, SPECIAL	2	
- 76	508565-1	C	NUT, CLINCH, PLAIN /USED IN EARLY CONFIGURATIONS/	4	
	508565-5	C	NUT, CLINCH, SELF-LOCKING /USED IN LATER CONFIGURATIONS/	4	
- 77	508566-3	C	NUT, CLINCH, SELF-LOCKING	5	
- 77A	508566-6	C	NUT, CLINCH, SELF-LOCKING	3	
- 78	8004507-1	C	BLOCK, MOUNTING	1	
			ATTACHING PARTS		
	MS16535-140	C	RIVET	4	
			-----*		
- 79	8004748-1	C	BLOCK, MOUNTING	1	
			ATTACHING PARTS		
	MS16535-140	C	RIVET	4	
			-----*		
- 80	508566-4	C	NUT, CLINCH, SELF-LOCKING	4	
- 81	8004518G2	C	FRAME, ELECTRICAL EQUIPMENT	1	





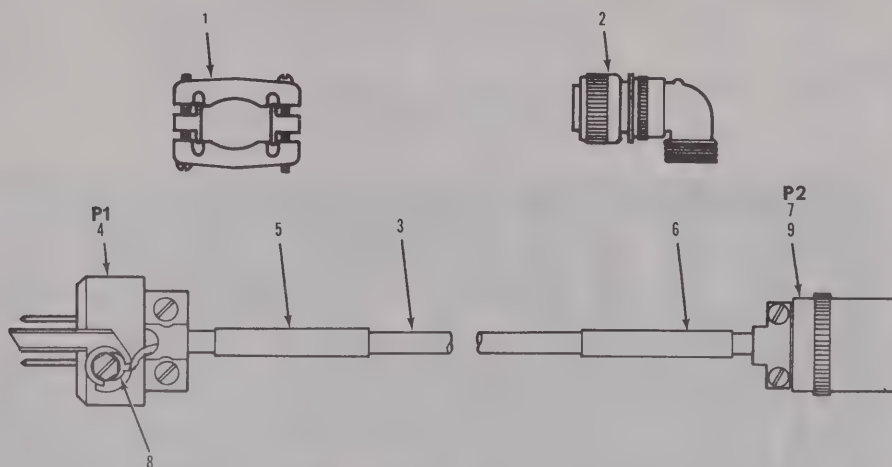


Figure 17. Interface Cable Kit

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
17 -	8006148G1	A	INTERFACE CABLE KIT /SEE FIGURE 2 FOR NHA/	REF	
- 1	MS3057-10A	B	CLAMP	1	
- 2	MS3108A18-8S	B	CONNECTOR	1	
- 3	8006147G1	B	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL	1	
- 4	UPL31M	C	CONNECTOR	1	
- 5	516665-20	C	MARKER, TUBING, HEAT SHRINKABLE	1	
- 6	516665-21	C	MARKER, TUBING, HEAT SHRINKABLE	1	
- 7	502079-1	C	CONNECTOR, RECEPTACLE, ELECTRICAL, THREE WIRE, TWIST-LOCK	1	
- 8	514273-2	C	LUG, TERMINAL, CRIMP TYPE	3	
- 9	507309-1	C	INSULATOR, ELECTRICAL CONNECTOR	1	

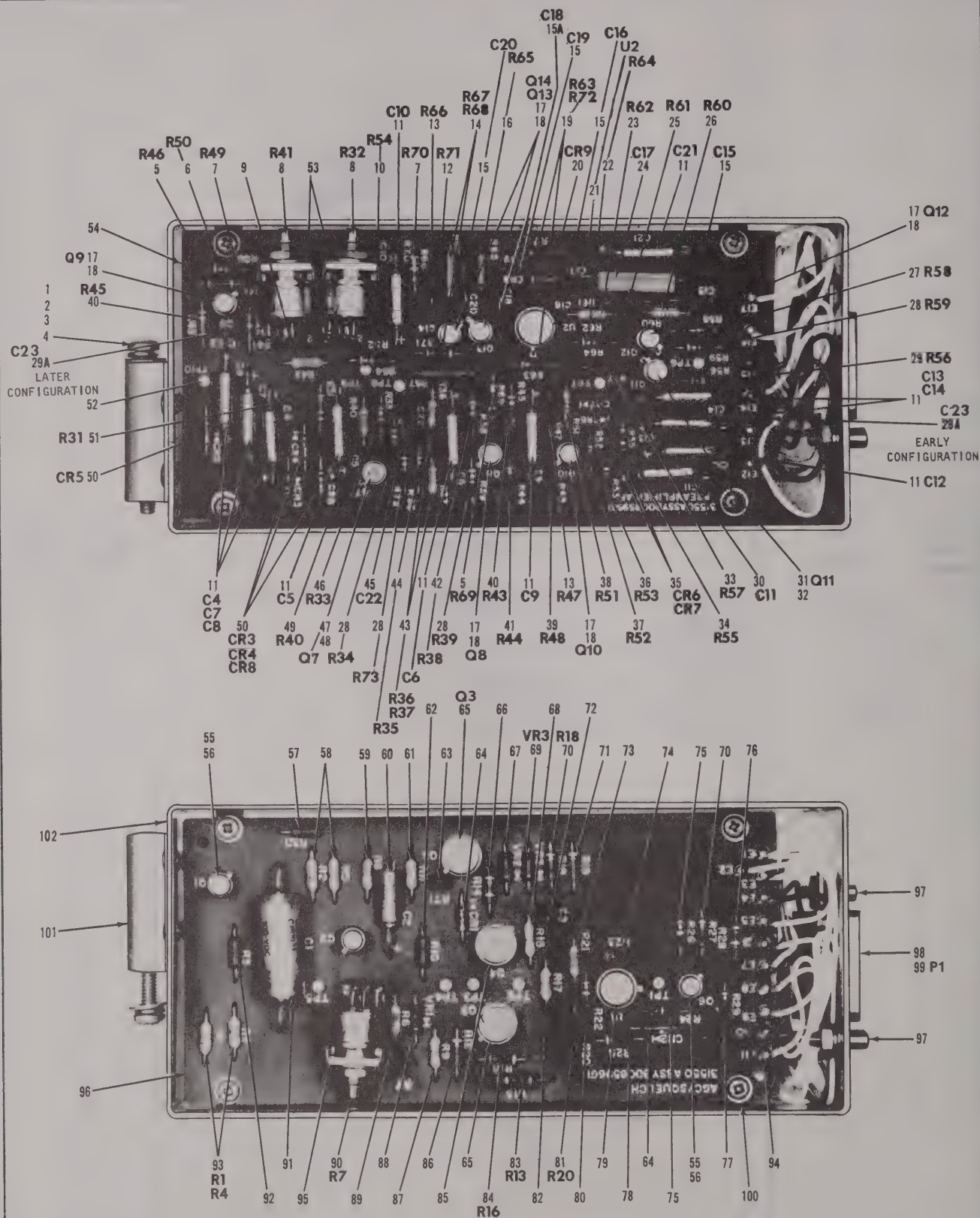


Figure 18. Preamplifier, AF/AGC Squelch, 1A3



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
18 -	8008586G1	A	PREAMPLIFIER, AF/AGC SQUELCH-REPLACEMENT MODULE FOR 8004239G1 IN LATER CONFIGURATIONS /SEE FIGURE 2 FOR NMA/	REF	
- 1	MS35206-251	B	SCREW	1	
- 2	MS35338-42	B	WASHER	1	
- 3	MS27183-7	B	WASHER	1	
- 4	517689-1	B	WASHER, NON-METALLIC /USED IN EARLY CONFIGURATIONS/	1	
	508874-13	B	PACKING, PREFORMED /USED IN LATER CONFIGURATIONS/	1	
	8008595G1	B	CIRCUIT CARD ASSEMBLY, PREAMPLIFIER, AUDIO FREQUENCY ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS35338-40	B	WASHER	4	
	MS27183-3	B	WASHER	4	
			-----*		
- 5	RCR07G471JS	C	RESISTOR	2	
- 6	RCR07G123JS	C	RESISTOR	1	
- 7	RCR07G104JS	C	RESISTOR	2	
- 8	RV6NAYSL253A	C	RESISTOR	2	
- 9	RN55D3012F	C	RESISTOR	1	
- 10	RCR07G183JS	C	RESISTOR	1	
- 11	M39003-01-2362	C	CAPACITOR	11	
- 12	RCR07G470JS	C	RESISTOR	1	
- 13	RN55D4022F	C	RESISTOR	2	
- 14	RN60D3923F	C	RESISTOR	2	
- 15	CK138X103K	C	CAPACITOR	4	
- 15A	CK138X103K	C	CAPACITOR /USED IN EARLY CONFIGURATIONS/	1	
	CK138X223K	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 16	RN55D1823F	C	RESISTOR	1	
- 17	JAN2N2222A	C	TRANSISTOR	6	
- 18	507253-12	C	MOUNTING PAD, TRANSISTOR	6	
- 19	RCR07G102JS	C	RESISTOR	2	
- 20	JAN1N4148	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 21	511854-1	C	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	1	
- 22	RCR07G683JS	C	RESISTOR	1	
- 23	RN55D6041F	C	RESISTOR	1	
- 24	CM20CC222J03	C	CAPACITOR	1	
- 25	RN55D8251F	C	RESISTOR	1	
- 26	RN55D3011F	C	RESISTOR	1	
- 27	RN55D3402F	C	RESISTOR	1	
- 28	RCR07G103JS	C	RESISTOR	4	
- 29	RCR07G224JS	C	RESISTOR	1	
- 29A	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	1	
- 30	M39003-01-2286	C	CAPACITOR	1	
- 31	515384-1	C	TRANSISTOR, FET, N-CHANNEL	1	
- 32	507253-12	C	MOUNTING PAD, TRANSISTOR	1	
- 33	RN55D3012F	C	RESISTOR	1	
- 34	RCR07G474JS	C	RESISTOR	1	
- 35	511785-1	C	SEMICONDUCTOR DEVICE, DIODE, HOT CARRIER	2	
- 36	RCR07G162JS	C	RESISTOR	1	
- 37	RCR07G221JS	C	RESISTOR	1	
- 38	RN55D5621F	C	RESISTOR	1	
- 39	RN55D9311F	C	RESISTOR	1	
- 40	RCR07G472JS	C	RESISTOR	2	
- 41	RCR07G511JS	C	RESISTOR	1	
- 42	RCR07G124JS	C	RESISTOR	1	
- 43	RN55D6811F	C	RESISTOR	2	
- 44	RCR07G105JS	C	RESISTOR	1	
- 45	CK068X104K	C	CAPACITOR	1	
- 46	RCR07G154JS	C	RESISTOR	1	
- 47	515383-1	C	TRANSISTOR, FET, N-CHANNEL	1	
- 48	507253-12	C	MOUNTING PAD, TRANSISTOR	1	
- 49	RN55D2212F	C	RESISTOR	1	
- 50	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	4	
- 51	RCR07G332JS	C	RESISTOR	1	
	8008599G1	C	PRINTED WIRING BOARD	1	
- 52	514266-302	D	TERMINAL STUD, UNINSULATED, TURRET-TYPE	11	
- 53	8003155-2	D	BRACKET, ANGLE	2	
			ATTACHING PARTS		
	MS16535-13	D	RIVET	4	
			-----*		
- 54	8008599-1	D	PRINTED WIRING BOARD	1	
	8008596G1	B	CIRCUIT CARD ASSEMBLY, AGC/SQUELCH ATTACHING PARTS	1	
	MS35206-213	B	SCREW	4	
	MS35338-40	B	WASHER	4	
	MS27183-3	B	WASHER	4	
			-----*		
- 55	JAN2N2222A	C	TRANSISTOR	3	
- 56	507253-12	C	MOUNTING PAD, TRANSISTOR	3	
- 57	RN55D1002F	C	RESISTOR	1	
- 58	RN55D4321F	C	RESISTOR	2	
- 59	RN55D3321F	C	RESISTOR	1	
- 60	M39003-01-2286	C	CAPACITOR	1	
- 61	RN55D2100F	C	RESISTOR	1	
- 62	RN55D60R4F	C	RESISTOR	1	
- 63	509413-4	C	RESISTOR, THERMAL	1	
- 64	JAN1N914	C	SEMICONDUCTOR DEVICE, DIODE	2	
- 65	JAN2N2904A	C	TRANSISTOR	2	

FIGURE AND INDEX NUMBER	PART NUMBER	I D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
18- 66	RCR07G242JS	C	RESISTOR	1	
- 67	JAN1N759A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 68	RN55D1001F	C	RESISTOR	1	
- 69	JAN1N751A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 70	RCR07G102JS	C	RESISTOR	2	
- 71	RCR07G220JS	C	RESISTOR	1	
- 72	501170-12	C	CAPACITOR, FIXED, CERAMIC DIELECTRIC /USED IN EARLY CONFIGURATIONS/	1	
	CK068X104K	C	CAPACITOR /USED IN LATER CONFIGURATIONS	1	
- 73	RN55D2212F	C	RESISTOR	1	
- 74	RCR07G222JS	C	RESISTOR	1	
- 75	RCR07G104JS	C	RESISTOR	2	
- 76	RCR07G392JS	C	RESISTOR	1	
- 77	RCR07G202JS	C	RESISTOR	1	
- 78	RCR07G622JS	C	RESISTOR	1	
- 79	511854-1	C	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	1	
- 80	RCR07G684JS	C	RESISTOR	1	
- 81	RN55D5112F	C	RESISTOR	1	
- 82	RN55D6041F	C	RESISTOR	1	
- 83	RCR20G331JS	C	RESISTOR	1	
- 84	RCR07G470JS	C	RESISTOR	1	
- 85	JAN2N1613	C	TRANSISTOR	1	
- 86	RCR07G622JS	C	RESISTOR	1	
- 87	RN55D8250F	C	RESISTOR	1	
- 88	JAN1N753A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 89	RN55D2801F	C	RESISTOR	1	
- 90	RV6NAYSL252A	C	RESISTOR	1	
- 91	CP09A1KB104K3	C	CAPACITOR	1	
- 92	RN55D2430F	C	RESISTOR	1	
- 93	RN55D7151F	C	RESISTOR	2	
	8008598G1	C	PRINTED WIRING BOARD	1	
- 94	514266-302	D	TERMINAL STUD, UNINSULATED, TURRET-TYPE	16	
- 95	8003155-2	D	BRACKET, ANGLE	1	
	MS16535-13	D	ATTACHING PARTS	2	
		D	RIVET		
- 96	8008598-1	D	PRINTED WIRING BOARD	1	
- 97	8004951-1	B	PIN, GUIDE	2	
		D	ATTACHING PARTS		
	MS35649-262	B	NUT	2	
	MS35338-41	B	WASHER	2	
	MS27183-5	B	WASHER	2	
- 98	502056-401	B	CONTACT, ELECTRICAL	12	
	8008594G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 99	502056-102	C	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
		D	ATTACHING PARTS		
	8004777-1	C	EYELET, METALLIC	1	
-100	8004561-1	C	BRACKET, ANGLE	4	
		D	ATTACHING PARTS		
	MS16535-65	C	RIVET	4	
-101	8004475-2	C	LUG, MOUNTING	1	
		D	ATTACHING PARTS		
	MS16535-134	C	RIVET	4	
-102	8008594-1	C	CHASSIS	1	
19-	8009546G1	A	OSCILLATOR/MULTIPLIER /SEE FIGURE 2 FOR NHA/ OPTIONAL MODULE FOR CRYSTAL CONTROLLED OSCILLATORS 8004290G1, 8004290G2 AND DIGI CHANNEL 8009306G1	REF	
- 1	8004398-1	B	COVER, CHASSIS	2	
- 2	8004400-1	B	RETAINER, CRYSTAL HOLDER	2	
		D	ATTACHING PARTS		
	MS35190-223	B	SCREW	2	
		D	ATTACHING PARTS		
	8004406G1	B	HOLDER, CRYSTAL UNIT	1	
- 3	8004406-4	C	RUBBER STRIP	1	
- 4	8004500-1	C	HOLDER, CRYSTAL	1	
		D	ATTACHING PARTS		
	511333-7	C	SCREW, BINDER HEAD, NYLON, MOLDED	2	
- 5	8004715-1	C	PLATE, BACKING, CRYSTAL HCLDER	1	
- 6	8004498-1	C	PLUG, INSULATION	1	
- 7	8004499-1	C	KNOB, CRYSTAL HOLDER	1	
- 8	504856-3	B	EXTENSION, SHAFT	3	
- 9	8009558-1	B	CONNECTOR, RECEPTACLE	1	
		D	ATTACHING PARTS		
	AN520C3-4	B	SCREW	4	
	AN935-3	B	WASHER	4	

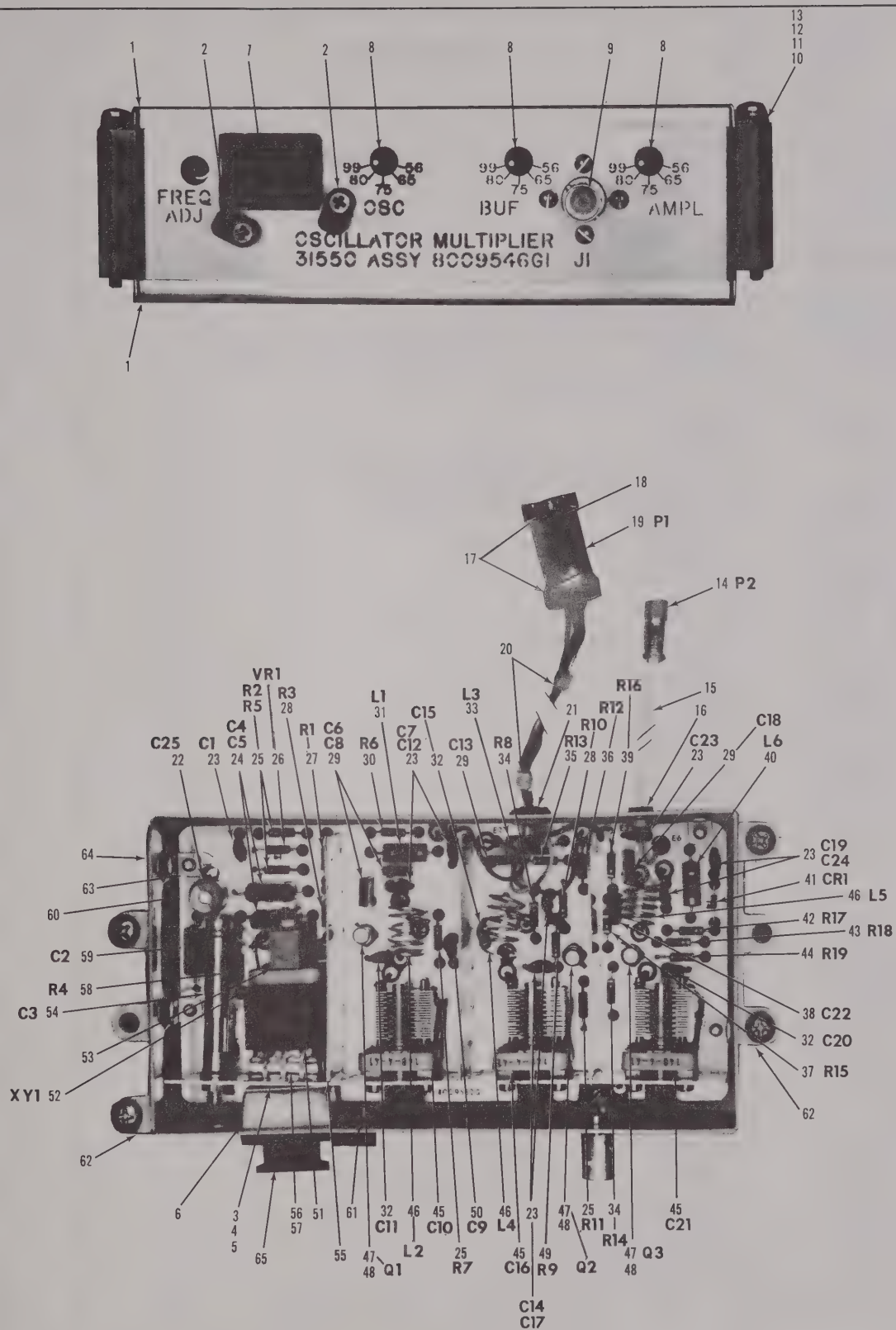


Figure 19. Oscillator/Multiplier, 1A1



FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
19 - 10	MS35206-252	B	SCREW	4	
- 11	NAS620-8	B	WASHER	4	
- 12	MS35338-42	B	WASHER	4	
- 13	508874-13	B	PACKING, PREFORMED	4	
- 14	UG1465U	B	CONNECTOR	1	
- 15	RG188AU	B	CABLE	AR	
- 16	8004961-1	B	SHIELD, RETAINER	1	
			ATTACHING PARTS		
	MS25082-12	B	NUT	1	
	MS35333-39	B	WASHER	1	
			-----*		
- 17	502056-301	B	RETAINER, ELECTRICAL CONNECTOR	2	
- 18	502056-401	B	CONTACT, ELECTRICAL	4	
- 19	502056-101	B	CONNECTOR, RECEPTACLE, ELECTRICAL	1	
- 20	MS3367-4-9	B	STRAP	2	
- 21	MS35489-4	B	GROMMET	1	
	8009552G1	B	CIRCUIT CARD ASSEMBLY, OSCILLATOR/MULTIPLIER	1	
			ATTACHING PARTS		
	MS51957-13	B	SCREW	4	
	MS35338-135	B	WASHER	4	
	NAS620C4	B	WASHER	4	
			-----*		
- 22	CV31A180	C	CAPACITOR /USED IN EARLY CONFIGURATIONS/	1	
	CV31B250	C	CAPACITOR /USED IN LATER CONFIGURATIONS/	1	
- 23	CK60AW102M	C	CAPACITOR /ALTERNATE PART 501240-58/	8	
- 24	CML5CD101J03	C	CAPACITOR	2	
- 25	RCR07G102JS	C	RESISTOR	4	
- 26	JANIN759A	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 27	RCR07G751JS	C	RESISTOR	1	
- 28	RCR07G473JS	C	RESISTOR	1	
- 29	CK06BX104K	C	CAPACITOR	4	
- 30	RCR07G100JS	C	RESISTOR	2	
- 31	MS75101-9	C	COIL	1	
- 32	CK60BX100K	C	CAPACITOR /ALTERNATE PART 501240-13/	3	
- 33	MS75101-11	C	COIL	1	
- 34	RCR07G101JS	C	RESISTOR	2	
- 35	RCR07G303JS	C	RESISTOR	1	
- 36	RCR07G393JS	C	RESISTOR	1	
- 37	RCR07G390JS	C	RESISTOR	1	
- 38	M39014-02-1218	C	CAPACITOR	1	
- 39	RCR07G821JS	C	RESISTOR	1	
- 40	MS75008-32	C	COIL	1	
- 41	JANIN4148	C	SEMICONDUCTOR DEVICE, DIODE	1	
- 42	RCR07G121JS	C	RESISTOR	1	
- 43	RCR07G823JS	C	RESISTOR	1	
- 44	RCR07G301JS	C	RESISTOR	1	
- 45	501185-4	C	CAPACITOR, VARIABLE, AIR DIELECTRIC	3	
			ATTACHING PARTS		
	8006103-1	C	SCREW	6	
	MS35338-135	C	WASHER	6	
			-----*		
- 46	8004343-2	C	COIL, RF	3	
- 47	515351-1	C	TRANSISTOR, NPN, SILICON, RF, SMALL SIGNAL	3	
- 48	507253-12	C	INSULATOR, STANDOFF, TRANSISTOR	3	
- 49	RCR07G563JS	C	RESISTOR	1	
- 50	CK60BX2R2K	C	CAPACITOR /ALTERNATE PART 501240-1/	1	
- 51	506365-1	C	GUIDE, CRYSTAL	1	
			ATTACHING PARTS		
	MS51957-20	C	SCREW	1	
	MS35338-135	C	WASHER	1	
	MS35649-244	C	NUT	1	
			-----*		
- 52	512396-1	C	SOCKET, CRYSTAL	1	
- 53	8009557-1	C	BLOCK, CRYSTAL MOUNTING	1	
			ATTACHING PARTS		
	MS51957-14	C	SCREW	2	
	MS35338-135	C	WASHER	2	
	NAS620C4	C	WASHER	2	
			-----*		
- 54	PC50H380	C	CAPACITOR	1	
	8009555G1	C	SHIELD, CHASSIS	1	
- 55	8009553-1	D	SHIELD, OSCILLATOR	3	
	DELETED	D	PLATE, MOUNTING	1	
- 56	8004497-1	D	CONTACT, SPRING	2	
			ATTACHING PARTS		
	MS16535-63	D	RIVET	4	
			-----*		

FIGURE AND INDEX NUMBER	PART NUMBER	I N D E N T	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE
19 - 57	8009554-1	D	PLATE	1	
- 58	RCR07G103JS	C	RESISTOR	1	
- 59	CM15C0330J03	C	CAPACITOR	1	
- 60	8009547-1	C	PRINTED WIRING BOARD	1	
	8009556G1	B	CHASSIS, ELECTRICAL EQUIPMENT	1	
- 61	508566-1	C	NUT, SELF-LOCKING	2	
- 62	8004578G1	C	BRACKET, ANGLE	2	
			ATTACHING PARTS		
	MS16535-133	C	RIVET	8	
			-----*		
- 63	8004560-1	C	BRACKET, ANGLE	4	
			ATTACHING PARTS		
	MS16535-64	C	RIVET	4	
			-----*		
- 64	8009556-1	C	FRAME, CHASSIS	1	
- 65	503855-1	B	CRYSTAL UNIT /TO COMPLETE PART NUMBER, FREQUENCY MUST BE SPECIFIED IN MHZ TO 8 DIGITS/	REF	







